CATALOGUE OF THE CULTURE COLLECTION OF THE COMMONWEALTH MYCOLOGICAL INSTITUTE

Second Edition

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COMMONWEALTH MYCOLOGICAL INSTITUTE

Collection of Fungus Cultures

While the function of this Collection is partly ancillary to the taxonomic work of the Institute, it is also a public collection, distributing living cultures of fungi of interest in plant pathology, industry, taxonomic research, and education.

The Collection includes many strains used for the synthesis of organic substances, and others which are used in physiological assay, soil analysis, etc. Special sets of cultures are supplied for the purpose of testing mould-proofing treatments of commercial products according to official specifications, including those of the United States of America. Manufacturers are invited to consult the Curator of the Collection regarding the handling of cultures in these tests, especially if their staff is not familiar with mycological techniques.

A large number of micro-fungi maintained in culture at the C. M. I. are specially suitable for teaching purposes: the Curator will be glad to discuss the needs of school and university teachers.

Other units of the United Kingdom organization of collections of micro-organisms are:

Fungi and yeasts pathogenic to man and animals.
Director of Medical Mycology,
London School of Hygiene & Tropical Medicine,
Keppel Street,
Gower Street,
London, W. C. 1.

Wood-rotting Fungi.
The Director,
Forest Products Research Laboratory,
Princes Risborough,
Aylesbury, Bucks.

Yeasts (non-pathogenic).
The Curator,
National Collection of Yeast Cultures,
The Brewing Industry Research Foundation,
Nutfield,
Surrey.

Industrial bacteria, bacteria for microbiological assay, etc.
National Collection of Industrial Bacteria,
Department of Scientific and Industrial Research,
Chemical Research Laboratory,
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Bacteria pathogenic to plants.
The Plant Pathology Laboratory,
Ministry of Agriculture, Fisheries, and Food,
Milton Road,
Harpenden, Herts.

Bacteria pathogenic to man and animals.
The Curator,
National Collection of Type Cultures,
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Colindale Avenue,
London, N.W.9.

Bacteria of milk and dairy products.
National Collection of Dairy Organisms,
National Institute for Research in Dairying,
Shinfield, nr. Reading,
Berks.

The attention of residents on the continent of Europe is directed to the fine collection of fungi and yeasts maintained by the Centraalbureau voor Schimmelcultures, Baarn, Holland. In the United States the American Type Culture Collection, 2112 M. street, N.W., Washington 7, D.C., provides a similar service.

Cultures are supplied to industry and to trade research associations in the United Kingdom and British Commonwealth at 15s. per culture, post free by surface mail. Reduced rates apply to research workers in Universities and to schools and colleges. For all other countries the charge is higher with corresponding reductions for research and educational establishments. It is most advisable to have cultures sent by air mail to countries outside Europe, and this is charged extra at second class rate.

Orders from Canada and the United States of America should be accompanied by permit tags, without which, entry to these countries is refused. Tags may be obtained from, in Canada, the Chief of the Plant Protection Division, Science Service Building, Carling Avenue, Ottawa; in the U.S.A., from the Plant Quarantine Branch, Agricultural Research Service, U.S. Dept. of Agriculture, Washington 25, D.C. In all cases, the names of the organisms and the purpose for which they are required should be stated in applications for permits.

Donors of acceptable cultures are given free exchanges (an equal number of cultures), and are entitled to have their gift isolations free when they may again require them. The maintainence of any given strain cannot, however, be guaranteed, since some organisms are difficult to keep indefinitely in artifical culture.

It is hoped that mycologists in all parts of the world will deposit cultures in the C.M.I. collection. Isolations from the type material of new species and varieties should be sent to this and to other principal collections (e.g., the C.B.S. and A.T.C.C.) for safe keeping. The duplication of cultures in more than one collection is desirable as insurance against accidental loss. Dried material for the C.M.I. Herbarium, and reprints of publications for the library, sent at the same time as the relevant cultures, will be very specially welcomed. In all cases donors are asked to supply the name of the host or substratum, locality, date, and identity or collection numbers.

In this catalogue the names under which fungi are listed are those under which they are disposed in the C.M.I. Herbarium; in some cases the most important synonyms are given. An asterisk * marks a name published after 1st January, 1935, without a latin diagnosis and hence invalid. The number preceding each entry is the accession number under which the isolation is filed at the C.M.I. Isolations from type collections are then marked "(T)"; "(A)" signifies that the isolation has been identified by the author of the species, although it is not derived from the original

type material. The host or substratum from which the isolation was derived is then given, followed by the country of origin and date, the name of the mycologist who isolated the fungus, and the hands through which the culture then passed, with the identification numbers attached by these workers or institutions. The annotations include notes on biochemical significance, etc. The letter "m" indicates that the isolation "mates" with the strain the number of which is given. The names of more important culture collections are abbreviated as follows:

ATCC: American Type Culture Collection, Washington.
BRL: Akers Research Laboratories (formerly known as Butterwick Research Laboratories) of Imperical Chemical Industries, Ltd.
CBS: Centraalbureau voor Schimmelcultures, Baarn.
CMI: Commonwealth Mycological Institute (formerly Imperial Bureau of Mycology and Imperial Mycological Institute; to simplify entries, "CMI" is used to cover the whole period. The full citation of all CMI collections includes the registered caption "Herb. I. M. I." prefixed to the accession number).
CS: Centraalstelle.
EMRS: East Malling Research Station, Kent.
FPRL: Forest Products Research Laboratory, Princes Risborough.
ICI: Imperial Chemical Industries.
LSH: London School of Hygiene and Tropical Medicine.
MRA: Mushroom Research Association (now closed).
NCTC: National Collection of Type Cultures (which formerly maintained a collection of fungi at the Lister Institute).
NRRL: Northern Utilization Research Branch, U. S. D. A., Peoria, Ill., U. S. A.
RCS: Royal College of Science, S. Kensington, London, S. W. 7.
QM: Quartermaster Research & Development Centre, U. S. Army, Natick, Mass.

When ordering cultures, clients are advised to quote the accession numbers only when they are sure that a particular strain is most suitable for their purpose. It is usually more satisfactory to state the purpose for which the cultures are required, and to leave the choice of strain to the mycologist in charge of the Collection. For educational purposes it is often sufficient to order by the generic name only, or to allow us to select the best species or strain available.

A list of this kind is inevitably out-of-date by the time is is printed, for new items are added to the Collection almost daily, while others are lost or discarded. The absence from the list of a particular species does not, therefore, necessarily mean that it is unobtainable, and enquiry should be made. Supplementary lists of new accessions and deletions are issued at intervals of six months, and complete new editions every three years.

LIST OF CULTURES

Absidia blakesleeana Lendner
52,119 Soil, Sudan, M.A. Nour.

Absidia butleri Lendner
38,498 Soil, Malaya. J.H. Warcup(E. 5a). m. 38,499.
38,499 Peat soil, Hauraki Plains, New Zealand, 1945. J.H. Warcup(E. 5b). m. 38,498.
60,223 Soil, Dehra Dun, India, 1956. B.K. Bakshi(22).
61,493 Coconut, Gold Coast, 1955. R.I. Leather.

Absidia coerulea Bain.
15,400 Iowa, U.S.A. G.W. Martin—NCTC(1790), 1924.

Absidia corymbifera (Cohn) Sacc. & Trott.
57,385 Mesenteric gland of guinea-pig, Porton, Hants., 1952. P.K.C. Austwick (V. 320/3).

Absidia cristata Dade
15,401 (T) Cassava stems (following anthracnose), Aburi, Gold Coast(554), 1932. H.A. Dade—NCTC(4927).
60,061 Oil palm seedlings, Nigeria, 1954. R.A. Bull(57/54).

Absidia cylindrospora Hagem
15,402 Soil, Scotland. A.H. Campbell—Malcolm Wilson—NCTC(5695), 1939. (+) m. 15,403.
15,403 Soil, Scotland. A.H. Campbell—Malcolm Wilson—NCTC(5695a), 1939. (-) m. 15,402.
60,231 Soil, Dehra Dun, India, 1955. B.K. Bakshi.

Absidia glauca Hagem
(Syn. A. regnieri (Lucet & Cost.) Lendner)
15,405 W.H. Wilkins—NCTC(3098), 1929. (+) m. 15,406.
15,406 W.H. Wilkins—NCTC(3099), 1929. (-) m. 15,405.
31,248 Soil, Lakenheath Warren, Suffolk, 1947. J.H. Warcup(B. 52). (+) m. 31,249.
31,249 Soil, Lakenheath Warren, Suffolk, 1948. J.H. Warcup(B. 53). (-) m. 31,248.
55,191 Soil, Nairobi, Kenya, 1954. I.A.S. Gibson.

Absidia italiana (Cost. & Perin) Dodge
15,396 Man, Egypt. N. Gohar—LSH—NCTC(6163). 1941.

Absidia lichtheimi (Lucet & Cost.) Lendner
15,397 Man. LSH(C. 180)—NCTC(6152).

Absidia orchidis (Vuill.) Hagem
38,500 Soil, Lakenheath Warren, Suffolk, 1946. J.H. Warcup(B. 35). m. 38,501.
38,501 Soil, Lakenheath Warren, Suffolk, 1946. J.H. Warcup(B. 36). m. 38,500.

Absidia ramosa (Lindt) Lendner
15,398 Man, Egypt. N. Gohar—LSH—NCTC(6162), 1941.

61, 222 Stencil silk, London, 1955. J. Knott.

Absidia repens van Tiegh.
20, 746 New Zealand, 1947. Vernon(38. 1)—Newhook.

Acremoniella atra (Corda) Sacc.
61, 335(c) Urtica sp., Goblin Coombe, Cleeve, Somerset, 1955. A. H. S. Brown.

Acremoniella verrucosa Tognini
44, 920 Soil, Ampthill Forest Nursery, Beds., 1949. J. H. Warcup(E. 38).

Acrospeira levis Wiltshire
15, 326 (A) Contaminant of culture, CMI, Kew, 1947. H. A. Dade.
24, 280 (A) Contaminant of culture, Cardiff, 1944. S. J. Hughes—NCTC(6818).
43, 603 Seed oats, Belfast, N. Ireland, 1947. J. P. Malone(5L).

Acrospeira macrosporoidea (Berk.) Wiltshire
17, 843 (A) Decaying broom, Lambourne Hill, Perranzabuloe, Cornwall, 1947. F. Rilstone.

Acrostalagmus cinnabarinus Corda
— see Nectria inventa

Acrothecium arenarium Moreau
53, 747 (T) Soil of sand dunes, Pointe du Siège, France. F. Moreau—G. Doguet.

Acrothecium lunatum Wakker
— see Curvularia lunata

Actinomucor repens Schost.
40, 054 Contaminant of culture, Kenya, 1949. R. M. Nattrass(1328).
56, 159 Begonia, associated with corm rot, Kenya, 1954. R. M. Nattrass(1924).
59, 590 Cotton seedlings, Egypt, 1953. M. A. Ragab.

Actinomyces spp.
45, 559 Buried wool, U. S. A. M. H. Downing(QM. B. 1477)—CMI, 1951. Attacks non-autoclaved wool.
45, 560 Tarpaulin, New Guinea, M. H. Downing(QM. B. 814)—CMI, 1951. Actively cellulolytic.

Aegerita viridis Bayliss-Elliott
60, 338(a). Rotten wood, Aldbury Common, Herts., 1955. A. H. S. Brown.

Allescheria boydii Shear
15, 407 (T) Man, U. S. A. Shear(120)—CMI—NCTC(1313), 1922.

Allomyces cystogenus Emerson
48, 633 California, U. S. A. Emerson—C. T. Ingold.

Alternaria abietis Tengwall
36, 124 Pine stump, England, 1949. J. Rishbeth(F. 9).

Alternaria brassicae (Berk.) Sacc.
51, 115 Candytuft stems, Tanganyika, 1952. G. B. Wallace(95/52).

Alternaria citri Pierce
40,049 Orange fruit, Wokingham, Surrey, 1950. P.J.Cousins.

Alternaria consortialis (Thüm.) Groves & Hughes
(Syn. Stemphylium consortiale Thüm.)
33,685 Lima bean seeds, Canada, 1948. J.Walton Groves(I-58)—S.J.Hughes, 1949.

Alternaria dauci (Kühn) Groves & Skolko
58,484 Carrot leaves, Gold Coast, 1954. F.C.Peacock(GCMH.4024).
63,224 Daucus carota, seed, Scotland. M.Noble—CMI, 1956.

Alternaria longipes (Ellis & Everh.) Mason
55,929 Tobacco, Northern Rhodesia, 1954. E.A.Riley(208).
61,690(c) Tobacco, Northern Rhodesia, 1955. A.Rothwell(MR.13592).

Alternaria passiflorae Simmonds
53,248 Passion fruit, Kenya, 1953. R.M.Nattrass(1884).

Alternaria solani Sorauer
46,816 Tomato fruit, Cambridge, 1946. M.Keay(CPBG.14)—R.V.Tipler—P.W.Brian(408). Production of alternaric acid.
49,671 I.C.I., Hawthorndale Lab.s(K.30).

Alternaria stemphylioides Bliss
56,424 (A) Bliss—CBS—CMI, 1954.

Alternaria sp. (tenuis group)
16,254(b) Contaminant of culture, Kew, Surrey, 1947. H.A.Dade.
35,215 Tomato, Isleworth, Middlesex, 1949. P.Cross.
49,788 Soil, Dacca, Pakistan, 1952. Q.A.Ahmed(55).
54,374 Beech stumps, Knole Park, Sevenoaks, Kent, 1953. M.Vincent(343).

Alternaria tenuissima (Fr.) Wiltshire
56,271 Artemisia brevifolia, India, 1954. K.Bagchee.

Amblyosporium botrytis Fresen.
1,691 Lactarius sp., Haslemere, Surrey, 1945. E.W.Mason.

Armillaria mellea (Vahl. ex Fries) Quél.
61,754 FPRL(6D)—CMI, 1956.
61,755 FPRL(6E)—CMI, 1956.
63,584 Oak. Reitsma, 1932—CBS—I.A.S.Gibson(214D)—CMI, 1956.
63,585 Pinus patula, Kaptagat Forest Reserve, Kenya. I.A.S.Gibson(385)—CMI, 1956.
63,586 Rhododendron arboreum, Dehra Dun. B.K Bakshi—I.A.S.Gibson(383)—CMI, 1956.
63,587 Pygeum africanum, Uplands Forest Station, Kenya. I.A.S.Gibson(302)—CMI, 1956.
63,588 Daphne mezereum, Cambridge. F.T.Brooks, 1946—I.A.S.Gibson(148)—CMI, 1956.

Arthrobotrys oligospora Fresen.
31,994 Parsley root, England, 1948. Walters.

Arthrobotrys robusta Duddington
36,118 (T) Decaying wood, Mickleham, Surrey, 1948. C.L.Duddington(63).

Ascochyta pinodella Jones
54, 861 CBS(366)—CMI, 1953.

Ascochyta pisi Lib.
54, 862 CBS(Wehlburg)—CMI, 1953.

Ascocybe grovesii Wells
46, 868 (T) Timber, Canada. D. Wells(663).

Ascoidea rubescens Brefeld
51, 500 Fitzpatrick—CBS—CMI, 1953.

Ascosphaera apis (Maassen ex Claussen) Olive & Spiltoir
(Syn. Pericystis apis Maassen ex Claussen)
35, 650 Honey bee larva, England, 1949. P. S. Milne—H. A. Dade.

Ashbya gossypii (Ashby & Nowell) Guill.
— see Nematospora gossypii.

Aspergillus alliaceus Thom & Church
16, 125 Church—CBS—CMI, 1937. (This is probably Thom's 4660, NRRL(316) = Walker & Lindegren's isolation from onion in U. S. A.).
51, 982 (T) Macrobosis albida. Thom(USDA. 200. 4956)—NRRL(315)—ATCC(10060).

Aspergillus amstelodami Thom & Church
16, 110 Soil, Sudan, 1940. A. S. Boughey.
17, 455 Isolation used for testing mould-proofing. G. Smith—CMI, 1947.
57, 394 Skin of horse, Liverpool, 1953. P. K. C. Austwick(V. 625).

Aspergillus asperescens Stolk
46, 813 (T)Soil, Read's Cavern, S. Wales, 1947. E. G. Jeffereys—P. W. Brian(385). Production of humicolin.

Aspergillus atropurpureus Blochw. — see A. violaceo-fuscus, IMI. 16, 135.

Aspergillus aureolus Fennell & Raper
61, 451 (T) Soil, Tafo, Gold Coast, 1950. C. F. Charter—NRRL(2244).

Aspergillus aureus Nakazawa
50, 567 B. A. Stone. Produces pectic enzymes.

Aspergillus avenaceus G. Smith
16, 140 (T) Seed peas, England, 1938. G. E. Turfitt—G. Smith(B. 155).

Aspergillus awamori Nakazawa
59, 605 Rhizosphere of Tropaeolum sp., Botanical Garden, Ain Shams University, Egypt. A. H. Montasiz—CMI, 1955.
59, 613 Rhizosphere of Tropaeolum sp., Botanical Garden, Ain Shams University, Egypt. A. H. Montasiz—CMI, 1955.
63, 764 I. A. S. Gibson(28)—CMI, 1956.

Aspergillus brevipes G. Smith
51, 494 (T) Soil, Kosciusko Mt., New South Wales. S. Marcus—G. Smith(263).

Aspergillus caespitosus Raper & Thom
16, 034 (T)Soil, Arkansas, U. S. A. F.R.Earle—Raper & Thom—G.Smith—CMI. 1948

Aspergillus candidus Link ex Fr.
15,961 Fermented cacao, Kpeve, Gold Coast(543), 1932. H.A.Dade.
16,046 Vegetable lard, Aburi, Gold Coast(601), 1933. H.A.Dade.
16,147 New Zealand. J.C.Neill(792)—NCTC(5605), 1938.
56,189 Cotton material, London, 1954. J.Walker.
59,446 Eye lesion of duckling, Cambridge, 1953. P.K.C.Austwick(V.471/1).

Aspergillus carbonarius (Bain.) Thom
16,136 Blakeslee—Thom(4030.1)—NCTC(1325), 1922. (= Raistrick Ac.11, ATCC 1025).

Aspergillus carneus Blochw.
16,128 Soil, New Zealand. J.C.Neill(657), as A.cervinus Massee—NCTC (5609), 1938.
31,402 Sugar-cane, Southern Rhodesia. G.R.Bates(7756E).
58,128 Soil, Chik Balapur, India. E.Yuill(A.108)—CMI, 1954.

Aspergillus chevalieri Thom & Church
16,115 Fermented cacao, Gold Coast(565a), 1932. H.A.Dade.
16,120 Fermented cacao, Aburi, Gold Coast(464), 1929. H.A.Dade.
16,134 Copra, Keta, Gold Coast(567.b.1), 1932. H.A.Dade.
52,655 Cashew (Anacardium occidentale), Tanganyika, 1953. G.B.Wallace (110/53).

Aspergillus cinnamomeus Schiemann
16,148 (T) Mutant from A.niger, Germany, ca 1911. E. Schiemann—CBS—Raistrick(Ac.42)—NCTC(3774).

Aspergillus citricus Mosseray
15,954 (T) Wehmer—Neuberg ("A.niger citricus")—Thom(4668.4)—NCTC (1692)—CMI, 1944.

Aspergillus citrisporus Höhn.
25,285 CBS—E.Yuill—CMI, 1948.
31,251 Soil of Podocarpus forest, Awarua, Southland, New Zealand, 1945. J.H.Warcup(A.29).
55,296 Thaxter—Thom(4186.10), 1917—CBS—NRRL(2292). (Perithecial).

Aspergillus clavatus Desm.
16,126 Contaminant of culture, Kew, 1944. E.W.Mason.
16,154 CBS—Thom(138)—Raistrick(Ac.87) as "A.giganteus"; G.Smith—CMI, 1948.
54,399 Soil, Ibadan, Nigeria, 1953. W.L.Jackson(N.23).
57,388 Air sac of chicken, Devon, 1953. P.K.C.Austwick(V.582/3).

"Aspergillus cyaneus"
— see IMI.16,137 A.sydowi.

Aspergillus deflectus Fennell & Raper
61,448 (T) Soil, Rio de Janeiro, Brazil, 1949. A.Cury—NRRL(2206).

Aspergillus disjunctus Bain. & Sart.
— see IMI.16,114 A.repens.

Aspergillus echinulatus Thom & Church
16,123 Linseed cake, Scotland. D.Snow—CMI, 1944.
32,051 G.Smith(A.15)—E.Yuill—CMI, 1948.

Aspergillus effusus Tirab.
16,142 U.S.A. B.F.Nutman—Thom(130)—NCTC(973), 1921. (= Raistrick Ac.21, ATCC.1010).

Aspergillus ferrugineus Fuckel
— see IMI.16,118 A. sejunctus.

Aspergillus fischeri Wehm.
16,143 Garden soil, England, 1942. G.Smith(BB.183). (= NCTC 6581).
54,402 Soil, Ibadan, Nigeria, 1953. W.L.Jackson(N.49).
54,403 Soil, Ibadan, Nigeria, 1953. W.L.Jackson(N.50).
58,373 Soil, N. Queensland, Australia. J.H.Warcup(SA.95)—CMI, 1954.
— see also A. malignus.

Aspergillus fischeri var. glaber Fennell & Raper
61,447 (T) Rubber tyre scrap, Iowa, U.S.A., 1947. G.W.Martin(6354)—NRRL(2163).
61,450 (A) Garden soil, Adelaide, S.Australia, 1952. J.H.Warcup—NRRL (2392).

Aspergillus flavipes (Bain. & Sart.) Thom & Church
16,106 Sugar, India, 1938. G.Watts Padwick. (Cawnpore VIII).
16,144 Bainier—Thom(4640:402)—NCTC(3890),1931. (= Raistrick Ac.73, NCTC 1716).
52,107 Soil, Sudan. M.A.Nour—CMI, 1953.
55,341 Soil, Mysore, India. C.G.Cutting—CMI, 1954.

Aspergillus flavus Link ex Fr.
15,959 Fermented cacao, Aburi, Gold Coast(35), 1923. H.A.Dade.
16,025 Termites, Sierra Leone, 1935. F.C.Deighton(M.839).
16,145 CBS—ATCC(1003)—Church(108)—NCTC(596), 1920. (= Raistrick Ac.16).
29,481 Larva of Apis mellifera L. (causing Stone Brood disease), Hull, 1948. P.S.Milne.
31,393 Maize seed, Southern Rhodesia. G.R.Bates(7820)—CMI, 1948.
39,178(a) Groundnut seedling (assoc. with crown rot), Urambo, Tanganyika, 1950. I.A.S.Gibson.
40,413 Sugar-cane stem, Jinja, Uganda, 1950. R.M.Nattrass(1341).
45,542 A shoe, New Guinea. M.H.Downing(QM.70.A)—CMI, 1951. Actively attacks autoclaved wool.
49,465 Locust, 1952. J.P.Stevenson—J.Walker.
52,104 Soil, Sudan. M.A.Nour—CMI, 1953.
52,140 NRRL(2210)—ATCC(11498).
52,173 NRRL(492)—ATCC(11495).
52,174 NRRL(627)—ATCC(11496).
52,175 NRRL(1946)—ATCC(11497).
52,176 NRRL(2211)—ATCC(11499).
57,389 Pigeon (aspergillosis), Devon, 1952. P.K.C.Austwick(V.76).
57,390 Turkey (aspergillosis), Cambridge, 1953. P.K.C.Austwick(V.632).
— see also 61,268 A.tamarii.

Aspergillus flavus var. rufus Blochw.
15,958 Dryinid parasite, Njala, Sierra Leone, 1936. F.C.Deighton.
16,057 Contaminant of culture, Gold Coast—England, 1942. H.A.Dade.

Aspergillus foetidus Thom & Raper
63,763 Groundnut seedlings, Urambo, Tanganyika, 1951. I.A.S.Gibson(15).

Aspergillus fonsecaeus Thom & Raper
38,982 Air, Buitenzorg, Java, 1949. Boedijn & Reitsma(BR.6/49).

Aspergillus fumaricus Wehm.
16,141(a) Neuberg—Thom(4668.2)—NCTC(1693), 1923. (= IMI.16,141b).
16,141(b) Neuberg—Raistrick(103)—NCTC(3892), 1931. (= IMI.16,141a).

Aspergillus fumigatus Fresen.
16,030 White egret (aspergillosis of lungs), London Zoo, 1920. S.R.Douglas —NCTC(367)—G.Smith. (Fide Soltys, Nature 154, 550, 1944, produces aspergillin, bacteriostatic for Mycobacteria.).
16,062 Barley grain, London, 1943. J.A.Freeman.
16,152 M.B.Church(118)—NCTC(982), 1921. (= Raistrick Ac.71).
16,195 Jute fibre, Calcutta, 1940. S.W.Basu(14).
25,326 Owl (Athene noctua), London Zoo, 1922. N.S.Lucas—NCTC(1373), 1922.
28,646 Soil, Lakenheath Warren, Suffolk, 1947. J.H.Warcup(B.48).
34,687 Calf (aborted foetus), Kent, 1949. G.Kershaw.
35,101 Calf (aborted foetus), Kent, 1949. G.Kershaw(31).
35,102 Calf (aborted foetus), Kent, 1949. G.Kershaw(143).
35,570 Calf (aborted foetus), Kent, 1949. G.Kershaw(243.SC).
45,139 Lungs of man, London, 1950. D.Abbott.
45,266 Antrum of man, London, 1951. K.Maunsell.
45,338 J.H.Birkinshaw(M.400)—CMI, 1951. Produces spinulosin.
45,546 A shoe, India. M.H.Downing(QM.45.h)—CMI, 1951. Very actively cellulolytic.
47,565 Man, sputum, England, 1951. J.Walker(LSH).
48,338 Lungs of man, Edenbridge, Kent, 1951. K.F.Hinson.
48,339 Lungs of man, Deal, Kent, 1951. K.F.Hinson.
48,340 Lungs of man, Bromley, Kent, 1951. K.F.Hinson.
51,984 Microscope lens, Colombo, Ceylon, 1952. S.Nagamultri. Hygrophobic strain.
57,391 Aborted calf foetus, Devon, 1952. P.K.C.Austwick(V.291).
57,392 Aborted calf foetus, Liverpool, 1953. P.K.C.Austwick(V.649).

Aspergillus fumigatus var. helvolus Yuill
16,153 (T) Mutant from A.fumigatus in culture, England, 1937. E.Yuill—NCTC(5911), 1939.

Aspergillus funiculosus G.Smith
54,397 (T) Soil, Ibadan, Nigeria, 1953. R.M.Jackson(15)—CMI—G.Smith (BB.303).

Aspergillus giganteus Wehm.
24,256 Beverige—G.Smith(BB.128), 1948.
54,394 Soil, Ibadan, Nigeria, 1953. W.L.Jackson(N.9).
— see also A.clavatus, IMI.16,154.

Aspergillus gracilis Bain.
16,400 Textiles, Manchester, 1930. G Smith(BB.119).

Aspergillus granulosus Raper & Thom
17,278 (T) Soil, U.S.A. K.B.Raper(NRRL.1931)—NCTC(6973), 1945.

Aspergillus humicola Chaudhuri & Sachar
— see A.asperescens Stolk.

Aspergillus itaconicus Kinoshita
16,119 (T) Juice of pickled plums ("Unesu"), Japan. Kinoshita—Blochwitz—CBS—G.Smith(A.48)—CMI, 1948.
45,630 Mangifera indica shoots, Kenya, 1951. R.M.Nattrass(1383).

Aspergillus janus Raper & Thom
16,065 (T) Soil, Panama, 1941. J. T. Bonner—Raper & Thom (NRRL. 1787)—NCTC(6970), 1945.

Aspergillus janus var. brevis Raper & Thom
16.066 Soil, Alameda, Mexico, 1942. W. B. Roos—Raper & Thom(NRRL. 1935)—NCTC(6971), 1945.

Aspergillus japonicus Saito
15,952 Contaminant of culture, Gold Coast(609), 1933. H. A. Dade.
29,103 Anisophyllea laurina fruit, Njala, Sierra Leone, 1948. F. C. Deighton (M. 2647).
60,323 Brazil. A. C. Batista—S. Gibson, 1955.

Aspergillus luchuensis Inui
15,953 "Awamori" (alcoholic beverage), Japan. Hanzawa—Thom(4291. 3)—NCTC(1017)—CMI, 1941. (= NRRL 356).
45,629 Mango roots, Kenya, 1951. R. M. Nattrass(1382).

Aspergillus lutescens Bain. ex Thom & Church
13,768 Contaminant of culture, 1947. G. Smith.

Aspergillus malignus Lindt
16,061 Hay, England, 1938. R. Hull.

***Aspergillus manginii Raper & Thom**
50,126 Plugs of culture vessels, Kenya, 1952. R. M. Nattrass(1754).

Aspergillus melleus Yukawa
49,108 Contaminant of culture, Kenya, 1951. R. M. Nattrass(1601).
52,102 Soil, Sudan. M. A. Nour—CMI, 1953.

Aspergillus minimus Wehm.
16,133 (?T) [?Wehmer]—Kral—Raistrick(Ac. 68)—G. Smith—CMI, 1948. (= NCTC 3783).

Aspergillus nidulans (Eidam) Wint.
16,040 CBS—CMI, 1942.
16,643 Cotton lint, Bombay, 1947. M. K. Patel. Strain with large perithecia.
28,644 Soil, Lakenheath Warren, Suffolk, 1947. J. H. Warcup(B. 89).
31,386 Tobacco, assoc. with "barn rot", Southern Rhodesia. G. R. Bates (7111. D)—CMI, 1948.
31,387 Carnation, assoc. with stem rot, Southern Rhodesia. G. R. Bates (7567/4a)—CMI, 1948.
49,026 Gum arabic, York, 1951. E. Yuill(A. 106)—CMI, 1952.
57,395 Lungs of chicken (aspergillosis), England, 1953. P. K. C. Austwick (V. 415).

Aspergillus nidulans var. acristatus Fennell & Raper
61,453 (T) Fabric, New Mexico, U. S. A., 1952. M. E. Sorte(62X)—NRRL (2395).

Aspergillus nidulans var. albus Yuill
16,037 (T) Mutant in culture of A. nidulans. E. Yuill—NCTC(5912), 1937.

Aspergillus nidulans var. echinulatus Fennell & Raper
61,454 (T) Buenos Aires, Argentina, 1950. J. Winitsky(M-1-354)—NRRL (2394).

Aspergillus nidulans var. latus Thom & Raper
45,625 Gum arabic, York. E. Yuill—CMI, 1951.

Aspergillus nidulans mutant strains.
38,576 D. J. D. Hockenhull(A. 69) —J. H. Birkinshaw—CMI, 1949. Parent strain of mutants produced by exposure to mustard gas:
38,577 Blue B alpha
38,579 S alpha
38,580 S beta
38,581 S gamma
38,582 S delta
38,584 S zeta
38,595 S eta
38,586 S iota
38,587 S kappa
38,593 S upsilon

Aspergillus niger van Tiegh.
15,241(a) Punica granatum fruit, India, 1945. S. A. Malik.
15,955 Contaminant of culture, Kew, 1941. H. A. Dade.
16,107 Contaminant of culture, Kew, 1947. H. A. Dade.
17,454 G. Smith—CMI, 1947. Isolation used for testing mould-proofing.
25,325 Gwynne-Vaughan—NCTC(1214), 1922.
27,809 Bernhauer, Prague—Benkiser, Ladenberg—B. I. O. S. —NCTC(7193), 1946. "Strain XXII", citric acid production.
31,274 Man (otomycosis). Pijper(13) and Pullinger—NCTC(2390), 1927.
31,275 Man (otomycosis). Pijper(12) and Pullinger—NCTC(2389), 1927.
31,276 CBS—Thom(111)—Raistrick(Ac. 2)—NCTC(3902), 1931. (= ATCC 1004, Raistrick Ac. 13, NCTC. 594).
31,283 D. J. D. Nicholas, 1948. Mulder's "strain M", assay of Mg, Cu, Zn, and Mo in soils.
31,821 Thom(167)—USDA(3528. 7)—ATCC(1015). (= Raistrick(Ac. 4), NCTC (3858a)). Production of citric acid.
34,169(a) Groundnut hypocotyls, Urambo, Tanganyika, 1949. I. A. S. Gibson—CMI, 1949.
41,871 K. B. Raper(NRRL. 337)—ATCC(10254). Production of amylase in submerged culture.
41,873 H. T. Herrick & O. E. May(USDA. 244-4704. 878)—C. Thom—ATCC(6276). Production of citric acid. (= NRRL. 368).
41,874 K. B. Raper(NRRL. 599)—ATCC(9142), Production of citric acid from molasses.
41,875 K. B. Raper(NRRL. 67)—ATCC(8740). Production of gluconic acid.
41,876 K. B. Raper(NRRL. 3)—ATCC(9029). Production of gluconic acid.
42,053 Sisal boles, Tanga, Tanganyika, 1950. R. M. Nattrass.
42,054 Groundnut crown rot, Kongwa, Tanganyika, 1950. R. M. Nattrass.
44,215 Grapes, Jerez de la Frontiera, Spain, 1950. H. R. Haselgrove. Wine cellar mould.
45,551 (?) Leather. M. H. Downing(QM. 458). (= TC. 215-4247). Used in U. S. A. for testing mould-proofing.
50,565 C. Thom, U. S. D. A. strain 215-111—B. A. Stone—NRRL(322)—ATCC (1004). Produces cellulolytic enzymes.
50,566 NRRL(326)—B. A Stone. Produces cellulolytic enzymes.
57,396 Chick (caseous lesions), Aberystwyth, 1952. P. K. C. Austwick(V. 145).
59,374 Defence Research Lab. s, Victoria, Australia(SN. 111)—CMI, 1955. Strain used for testing mould-proofing.
59,429 University of Madras(MUBL. 1)—CMI, 1955.

60,286 NRRL(330)—CMI, 1955.
63,765 Groundnut seedlings, Urambo, Tanganyika, 1951. I.A.S.Gibson(29).

Aspergillus niveo-glaucus Thom & Raper
32,050 G.Smith(A.16)—E.Yuill—CMI, 1948.

Aspergillus novus Bain. nom.nud.
— see IMI.16,131 A.repens.

Aspergillus nutans McLennan & Ducker
62,874 (T) Soil, Australia. E.I.McLennan(4B.4)—CMI, 1956.

Aspergillus ochraceus Wilh.
16,264 M.B.Church(4065.1)—NCTC(979), 1921. (= Raistrick Ac.23, ATCC.1009).
33,910 Sauce espagnole, Tafo, Gold Coast, 1948. H.Owen (isolate No.3).
35,038 Potato, Tafo, Gold Coast, 1949. H.Owen (isolate No.10).
49,874 Tomato seed, Jersey, 1952. D.H.Phillips(J.9).

Aspergillus okazakii Okaz.
15,962 Japan, Takahashi—Thom(4337)—Raistrick(Ac.52)—NCTC(3787)—CMI, 1947.

Aspergillus ornatus Raper, Fennell, & Tresner
55,295 (T) Soil, nr. Madison, Wisconsin, 1950. H.D.Tresner—NRRL(2256).
63,918 (A) Soil, Wisconsin, U.S.A.—NRRL(2291)—G.Smith(BB.311A)—CMI, 1956.

Aspergillus oryzae (Ahlb.) Cohn
17,299 A.Chaston Chapman—NCTC(965), 1921. Gives a high yield of diastase.
44,241 T.K.Walker—ATCC(7252), 1938. Conversion of sugars to kojic acid.
44,242 NRRL(692)—ATCC(9102), 1943. Production of amylase.
51,983 Oshima—Thom(USDA.290.AoOld)—NRRL(458)—ATCC(10063).
52,141 NRRL(453)—ATCC(11500).
52,142 NRRL(696)—ATCC(11498).
52,143 NRRL(695)—ATCC(11489).
52,144 NRRL(2217)—ATCC(11493).
52,145 NRRL(2220)—ATCC(11494).
52,146 NRRL(694)—ATCC(11488).
52,147 NRRL(449)—ATCC(11487).
52,148 NRRL(2160)—ATCC(11492).
52,149 NRRL(697)—ATCC(11491).

Aspergillus ostianus Wehm.
15,960 CBS—Raistrick(Ac.35)—NCTC(3788), 1931. (= Thom 4724.35, NRRL.420).
38,799 Chicory seed, Kenya, 1949. R.M.Nattrass(1291).

Aspergillus panamensis Raper & Thom
19,393 (T) Soil, Panama, 1941. J.T.Bonner—K.B.Raper (Strain 1785)—NCTC(6974).

Aspergillus paradoxus Fennell & Raper
61,446 (T) Opossum dung, Wellington, New Zealand. J.H.Warcup(A.28), 1948—NRRL(2162).

Aspergillus parasiticus Speare
15,957 (T) Pseudococcus calceolariae Mask., sugar-cane mealy-bug, Hawaii, Speare—Thom(3509)—NCTC(975), 1921. (= Raistrick Ac. 14, ATCC. 1018, NRRL. 502).

Aspergillus phoenicis (Corda) Thom
56,824 Welwitschia inflorescence, S.W. Africa, 1954. J.H. Swart(236).

Aspergillus proliferans G. Smith
16,105 (T) Cotton fabric, Manchester. G. Smith—NCTC(6546), 1943.

Aspergillus pseudoglaucus Blochw.
16,122 (T) Blochwitz—CBS—G. Smith(A. 19), 1933. (= Thom & Raper 5343).

Aspergillus pulverulentus (McAlp.) Thom
24,300 Maize (from U.S.S.R.), Liverpool, 1948. K.G. Smith.

Aspergillus quadricinctus Yuill
48,583 (T) Cardboard, York, 1947. E. Yuill(A. 46).
58,374 Soil, Northern Territory, Australia, 1954. J.H. Warcup(SA14).

Aspergillus quadrilineatus Thom & Raper
45,624 Gum arabic, York. E. Yuill—CMI, 1951.

Aspergillus quercinus (Bain.) Thom & Church
1,177 Orange fruit, Rehovot, Palestine, 1939. Reichert(K. 376).

Aspergillus repens (Corda) Sacc.
16,111 Dust in food store, Bristol, 1943. W.E.S. Brown.
16,113 Cacao, Leeds, 1943. E.W. Bentley.
16,114 Da Fonseca, Brazil—CBS—Raistrick(Ac. 39)—NCTC(3776)—CMI, 1943, as "A. disjunctus".
16,131 G. Smith (Raistrick Ac. 46)—CMI, 1943, as "A. novus Wehm. nom. nud."
50,673(a) Signalling apparatus, Chiswick, London, 1952. Supt. of Lab.s, London Transport Executive.

Aspergillus restrictus G. Smith
16,267 (T) Cloth, Manchester, 1931 or earlier. G.Smith(BB. 94). (= NCTC. 6976 & 4155).
48,557 Colocasia esculenta, Malaya, 1952. A. Johnston(C. CH. 36).

Aspergillus restrictus var. B. G. Smith
16,268 (T) Cotton fabric, Manchester, 1930. G. Smith (= NCTC. 4156).

Aspergillus ruber Thom & Church
— see A. sejunctus.

Aspergillus rugulosus Thom & Raper
16,059 Soil, Sudan, 1940. A.S. Boughey(SF. 17).

Aspergillus schiemannii Thom
16,269 (T) Mutant in culture of A. niger, Germany. Schiemann—CBS—Raistrick(Ac. 37)—NCTC(3781), 1931. (= Thom 3534c).

Aspergillus sclerotiorum Huber
56,673 (T) Rotting apple, Oregon, 1929-32, G.A. Huber—C. Thom(5351)—NRRL(415)—E. Yuill.
67,759(b) Sunnhemp seed, Northern Rhodesia, 1956. A. Angus(22b).

Aspergillus sejunctus Bain. & Sart.
(Syn. A. ruber Thom & Church)
16,038 Dried milk bag, Bristol, 1943. W. E. S. Brown.
16,116 Copra, Keta, Gold Coast(567. B/3), 1932. H. A. Dade.
16,118 V. Oyen—CBS—Raistrick(Ac. 39)—NCTC(3777), 1931, as "A. ferrugineus Fuckel". (= Thom 4724. 39).
31,399 Sugar-cane pith, Southern Rhodesia. G. R. Bates(7756a)—CMI, 1948.
51,112 Jam, Harrow, Middlesex, 1952. J. Hawkins.

Aspergillus sparsus Raper & Thom
19,394 (T) Soil, La Lima, Honduras, 1942. L. A. Underkofler--K. B. Raper (1933)—NCTC(6975).

Aspergillus stellatus Curzi
(Syn. A. variecolor Thom & Raper)
31,394 Contaminant of culture, Southern Rhodesia. G. R. Bates—CMI, 1948.
53,749 Soil, in an olive grove, Bougie, Algeria. G. Doguet.
60,316 Brazil. A. C. Batista(256)—S. Gibson—CMI, 1955.
— see also A. variecolor var. stellatus.

Aspergillus sulphureus (Fresen.) Thom & Church
40,641 Mouldy "Toad-in-the-hole", Tafo, Gold Coast, 1949. H. Owen(698).

Aspergillus sydowii (Bain. & Sart.) Thom & Church
16,028 Fermented cacao, Gold Coast(550), 1932. H. A. Dade.
16,137 CBS as "A. cyaneus"—Raistrick(Ac. 97)—NCTC(3888), 1931.
35,034 Potato, Tafo, Gold Coast, 1949. H. Owen(6).
50,646 Herbarium drying paper, Njala, Sierra Leone, 1952. F. C. Deighton (M. 4747).
53,288 Cotyledon of broad bean, Cyprus, 1953. R. A. Altson(9/23/7).
63,904 Desert soil, Mexico. J. Nicot(MEX. 56. I)—CMI, 1956.
— see also IMI. 16,139 A. versicolor.

Aspergillus sylvaticus Fennell & Raper
61,456 (T) Soil, Tafo, Gold Coast, 1950. C. F. Charter—NRRL(2398).

Aspergillus tamarii Kita
16,129 Fermented cacao, Aburi, Gold Coast(35), 1923. H. A. Dade.
39,498 Soil, Tafo, Gold Coast, 1949. H. Owen(629).
44,536 Groundnut seed, Urambo, Tanganyika, 1950. I. A. S. Gibson(90).
56,820 Coffee borer beetle, Xylotrechus quadripes, Mysore, India, 1954. Coffee Res. Sta., Mysore.
59,630 Maize grain, Tanganyika, 1955. G. B. Wallace(25A/55).
61,268 Radio equipment, New Guinea. WADC(26)—QM(1223)—CMI, 1955.(U. S. Specification MIL-E-5272A as" "A. flavus".) Test strain for mould-proofing.

Aspergillus terreus Thom
16,032 Punjaub, 1942. H. Chaudhuri(2).
16,036 Apple fruit, Palestine. Perlberger—Reichert(K. 332)—CMI, 1939.
16,043 Raistrick(Ac. 100)—F. T. Brooks—NCTC(3911), 1931.
16,044 Sugar, India, 1939. G. Watts Padwick(XIV).
17,294 (T) Soil, U. S. A. M. B. Church(Washington 144)—NCTC(981), 1921. (= Raistrick Ac. 24, ATCC. 1012, NRRL. 255).
28,622 Rice grain, England. E. Yuill—CMI, 1948.
35,576 Man (ear), London, 1949. C. Warren.
44,243 NRRL(1960)—ATCC(10020), 1946. Production of itaconic acid.
44,339 G. Smith(BB. 45). Production of terrein.

45, 543 A haversack, New Guinea. M. H. Downing(QM. 82. j)—CMI, 1951. Actively attacks autoclaved wool.
57, 397 Aborted calf foetus, Leeds, 1952. P. K. C. Austwick(V. 237).

Aspergillus terreus var. africanus Fennell & Raper
61, 457 (T) Soil, Tafo, Gold Coast, 1950. C. F. Charter—NRRL(2399).

Aspergillus terricola Marchal var. americanus Marchal
16, 127 (T) Soil, Georgia, U. S. A. F. M. Scales—Washington—NCTC(974)—E. Yuill—CMI, 1949. (= Raistrick Ac. 22).

Aspergillus thomii G. Smith
45, 644 (T) Contaminant of culture, London. G. Smith(BB. 213)—CMI, 1951.

Aspergillus umbrosus Bain. & Sart.
32, 049 G. Smith(A. 37)—E. Yuill—CMI, 1948.
32, 379 Fermented cacao, 1948. E. Yuill(A. 83)—CMI, 1948.

Aspergillus unguis (E. Weil & Gaud.) Thom & Raper
60, 313 Brazil. A. C. Batista(264)—S. Gibson, 1955.
61, 452 E. V. Reese—QM(25b), 1948—NRRL(2393). Isolation which forms ascocarps.

Aspergillus unilateralis Thrower
62, 876 (T) Soil, Australia. E. I. McLennan(2600/27)—CMI, 1956.

Aspergillus ustus (Bain.) Thom & Church
16, 045 CBS—CMI, 1942.
16, 102 Fermented cacao, Aburi, Gold Coast(588), 1932. H. A. Dade.
16, 237 Fermented cacao, Aburi, Gold Coast(576), 1932. H. A. Dade.
19, 392 Bainier—Thom—CBS—Raistrick(Ac. 84)—NCTC(3757). 1931. (?= Thom 4640. 488).
28, 643 Soil, Lakenheath Warren, Suffolk, 1948. J. H. Warcup(B. 125).
31, 385 Tobacco (assoc. with barn rot), Southern Rhodesia, G. R Bates(7111c), 1948.
33, 909 Sauce espagnole, Tafo, Gold Coast, 1948. H. Owen(2).
39, 503 Capsid lesion on cacao, British Cameroons, 1949. J. West—H. Owen(639).
40, 414 Contaminant in culture from a root, Kenya, 1950. R. M. Nattrass(1352).
45, 552 Indiana, U. S. A. M. H. Downing(QM. 891). Used in U. S. A. for testing mould-proofing.

Aspergillus variecolor Thom & Raper
— see A. stellatus.

Aspergillus variecolor var. astellatus Fennell & Raper
61, 455 (T) ?Ilex leaves, Galapagos Is., 1946. G. W. Martin(6273)—NRRL(2396).

Aspergillus versicolor (Vuill.) Tirab.
16, 139 CBS—Raistrick(59)—NCTC(3906), 1931. As A. sydowi.
28, 621 E. Yuill(A. 75), England—CMI, 1948.
28, 645 Soil, Lakenheath Warren, Suffolk, 1947. J H. Warcup(B. 59).
31, 396 Apple fruit, Southern Rhodesia, G. R. Bates(7644F)—CMI, 1948.
40, 636 Paper label, Tafo, Gold Coast, 1949. H. Owen(681).
40, 496(b) Brassica sp. dead stem, Chobham, Surrey, 1950. S. J. Hughes.
45, 554 Cellophane, India. M. H. Downing(QM. 432) (= MIT. 1C)—CMI, 1951.
49, 124 Contaminant of culture, Njala, Sierra Leone, 1951. F. C. Deighton (M. 4665). With bifurcated, tuberculate, conidiophore stalks.

57,426 Claw of dog, London, 1953. P.K.C.Austwick(V.593/2).

Aspergillus violaceo-fuscus Gasp.
16,135 Blochwitz (as A.atropurpureus)—CBS—Raistrick(Ac.44)—NCTC(3792), 1931. (= Thom 4724.44). Referred to A.violaceo-fuscus by M.B.Church.
45,373 Duck cotton, Port Harcourt, Nigeria, 1951. A.C.Reid(732).
54,395 Soil, Ibadan, Nigeria, 1953. W.L.Jackson(N.10).
54,396 Soil, Ibadan, Nigeria, 1953. W.L.Jackson(N.11).
54,400 Soil, Ibadan, Nigeria, 1953. W.L.Jackson(N.35).
60,064(a) Seedling oil palms, Nigeria, 1954. R.A.Bull(70/54).
63,766 Tea flowers, Assam. E.Hainsworth—I.A.S.Gibson(34), 1951.

Aspergillus violaceus Fennell & Raper
61,449 Soil, Tafo, Gold Coast, 1950. C.F.Charter—NRRL(2240).

Aspergillus viridinutans Ducker & Thrower
62,875 (T) Soil, Frankston, Australia. E.I.McLennan(RAB.7)—CMI, 1956.

Aspergillus wentii Wehm.
16,033 Michelia champaca, dead branch, Mauritius, 1935. E.F.S.Shepherd.
16,058 Contaminant of culture, Kew, 1939. H.A.Dade.
17,295 (T) Wehmer—CBS—M.B.Church (Washington 116), 1909—NCTC(597). (= NRRL.375).
23,013 New Zealand. J.C.Neill(511)—NCTC(5608), 1938.
23,014 New Zealand. J.C.Neill(634b)—NCTC(5608a), 1938.
31,256 Contaminant of culture, Kew, 1948. H.A.Dade.
35,035 Potato, Tafo, Gold Coast, 1948. H.Owen (7).
39,510 A prune, Tafo, Gold Coast, 1949. P.M. & H.Owen(662).
49,129 Contaminant of culture, Njala, Sierra Leone, 1951. F.C.Deighton (M.4670).
51,433 E.O.Karow—R.Gordon—CMI, 1953. Producing citric acid in submerged culture.

Asteromyces cruciatus F. & R.Moreau
53,748 (A) Soil of sand dunes, France. F.Moreau—G.Doguet.
60,913 Roots of Ammophila arenaria, England, 1955. J.C.Brown(D.32).

Bactrodesmium caulinicola (Corda) Grove var.pellucidum Grove
— see Camposporium pellucidum.

Beauveria bassiana (Bals.) Vuill.
12,939 Le Moult—CBS—CMI—NCTC(1801), 1924.
12,943 Scolytus intricata. E.J.Butler (as B.globulifera (Speg.) Picard)—NCTC(1142), 1921.
39,889 Pigmy mangold bettle, Cambridge, 1949. M.A.Keay.
44,229 Diatrea saccharalis, Venezuela, 1950. R.E.Pontis.
49,823 Artona catoxantha larva, Malaya, 1952. A.Johnston.
61,345 An insect, Forest of Dean, 1955. A.H.S.Brown.

Beauveria densa (Link) Picard
12,942 Fly, Ceylon. Petch—NCTC(2227), 1926.
61,252 An insect, Berkhamstead Common, 1955. A.H.S.Brown.

Beauveria stephanoderis (Bally) Petch
12,944 (T) Stephanoderes hampei, Ceylon. Petch—NCTC(2226), 1926.

Bispora pusilla Sacc.
52, 634 Pine timber from a water cooling tower, Gibraltar, 1953. J.G. Savory(S. 684).

Blennoria sp.
45, 540 Nylon plate, Indiana, U.S.A. M.H. Downing(QM. 590)—CMI, 1951.

Bombardia lunata Zickler
38, 111 (1) D.G. Catcheside. "Mating type A", m. 38, 111 (2).
38, 111 (2) D.G. Catcheside. "Mating type a", m. 38, 111 (1).

Botryodiplodia palmarum (Cooke) Petrak & Sydow
60, 542 Elaeis guineensis leaves, Benin, Nigeria, 1955. J.S. Robertson(A3/55).

Botryodiplodia theobromae Pat.
55, 950 Cashew root, Tanganyika, 1953. M.M. Wallace(399/53).
61, 204 Zea mays, Ibadan, Nigeria, 1955. R.H. Cammack(MR/324) .

Botryosphaeria ribis Grossenb. & Dugg.
36, 476 Aleurites montana (die back), Nyasaland, 1949. P.O. Wiehe(220).
45, 825 H. Fawcett—CBS—CMI, 1951.

Botryosporium longibrachiatum (Oud.) Maire
46, 396 Tomato, Cambridge, 1951. J. Ives—R.W.G. Dennis.

Botryotrichum piluliferum Sacc. & March.
49, 832 Air, York, 1952. E. Yuill.
51, 266(c) Plaster & wall-paper, London, 1941. H.E. Hinton—F.L. Balfour-Browne (as Sepedonium albo-griseum (T)).

Botrytis allii Munn
15, 276 Brown—CBS—NCTC(4788), 1935.
42, 078 Onion bulb, Richmond, Surrey, 1950. H.A. Dade.
61, 987 A. Hewlett—C.T. Ingold—CMI, 1956.
63, 948 P.W. Brian, 1948—G. Smith(BB. 231).

Botrytis cinerea Pers. ex Fr.
24, 002 Banana, England. Isol. at NCTC(6098), 1940. Spores somewhat larger than type.
42, 077 Apple, Richmond, Surrey, 1950. H.A. Dade.
42, 089 Vegetable marrow, Watford, Herts., 1950. W.O. Harper.
52, 058 Hibiscus cannabinus, Southern Rhodesia, 1953. A. Rothwell(M.R. 11477).

Botrytis fabae Sardiña
50, 374 Vicia faba, "chocolate spot", Cambridge, 1952. R. Leach.

Botrytis grisella Sacc.
— see Hansfordia grisella (Sacc.) Hughes.

Botrytis spectabilis Harz
45, 141 Contaminant of culture, CMI, Kew, 1951. H.A. Dade.
60, 069 Soil in mushroom house, Stourport, Worcs., 1955. W.R. Rosset.

Botrytis tulipae Lind
55, 314 Dutch tulip bulbs, Giza-Orman, Egypt, 1953. Abd El Kader & M.El Zarka(3700).

Brachysporium crepini (Westendorp) Sacc.
— see Curvularia crepini.

Brunchorstia destruens Erikss.
56, 680 Corsican pine, Dalby, Yorks., 1954. S. Batko.

Byssochlamys fulva Olliver & Smith
40, 021 K. B. Raper (NRRL. 1125)—G. Smith, 1949.
58, 421 (T) Bottled fruit, Great Britain, 1933. T. Rendle—G. Smith(BB. 134)—A. H. S. Brown(Pa. 24). (Ascospores no longer produced.)
58, 422 (A) Soil, Long Ashton, Somerset, 1947. S. W. Challinor—G. Smith (BB. 134. A)—A. H. S. Brown(Pa. 25).
58, 426 (A) Soil, G. B. T. Rendle—G. Smith(X. 6. a), 1934—A. H. S. Brown(Pa. 29).

Byssochlamys nivea Westl.
16, 256 CBS—M. Olliver—NCTC(5688), 1939.
58, 423 Soil, Cambridge. J. H. Warcup—G. Smith(BB. 250), 1950—A. H. S. Brown (Pa. 26).
60, 262 Silage, England, 1955. B. B. Till.

Calcarisporium arbuscula Preuss
31, 480 Lactarius sp., Masham, Yorks., 1948. S. J. Hughes.
58, 784 Hygrophorus pratensis, Yorks., 1954. C. J. La Touche.
60, 865 Cladium mariscus, Askham Bog, York, 1955. J. Webster. On old Dasyscypha.

Calonectria graminicola (Berk. & Br.) Wollenw.
— see C. nivalis.

Calonectria nivalis Schaffnit
63, 222 Oats, Scotland. M. Noble—CMI, 1956.

Calonectria rigidiuscula (Berk. & Br.) Sacc.
61, 808 Capsid lesions on cacao, Gold Coast, 1955. G. Usher.
61, 047(b) Durio zibethinus, Malaya, 1955. A. Johnston[C(NS)80].
62, 573 Triticum sp., G. B. P. Karijakasoon—CMI, 1956.

Camposporium pellucidum (Grove) Hughes
53, 639 Bark of felled sycamore, Holland, 1951. A. L. van Beverwijk.

Candelabrum spinulosum van Beverwijk
52, 463 (A) Decaying vegetable matter in pond, near Ommen, Holland, 1949. A. L. van Beverwijk.

Candida albicans (Robin) Berkh.
45, 348 Man ("thrush"), London, 1920. Craik—NCTC(714)—P. W. Brian (BRL/320).

Cephaliophora tropica Thaxt.
45, 555 Shoe leather, Guadalcanal, Solomon Is. M. H. Downing(QM. 596)—CMI, 1951. (= JQMD. 956).

Cephalosporium acremonium Corda
44, 138 Maize, Tanganyika, 1950. G. B. Wallace.

Cephalosporium coccorum Petch
(Syn. Verticillium coccorum (Petch) Westerdijk)
54, 860 CBS—CMI, 1953.

Cephalosporium eichorniae Padw.
46,241 Calopogonium mucunoides, Njala, Sierra Leone, 1951. F.C.Deighton (M.3829).

Cephalosporium longisporum Petch
21,167 (A) T.Petch—NCTC(1862), 1924.

Cephalosporium salmosynnematum Roberts
58,330 J.M.Roberts—B.H.Olsen et al., Michigan State Dept. of Health (MDH: 3590A)—NRRL(2271)—CMI,1954.Source of synnematin (U.S.Patent 2,638,018).

Cephalosporium subverticillatum Schulz & Sacc.
16,259 Petroleum, Italy. O.Verona—NCTC(4470), 1934.

Cephalosporium sp.
49,137 The sea off Sardinia. G.Brotzu—K.Crawford—CMI, 1952. Source of cephalosporin.

Ceratocystis coerulescens (Münch) Bakshi
32,291 Pine log, Watford, Herts., 1948. W.O.Harper.

Ceratocystis paradoxa (Dade) Moreau
(Syn. Ceratostomella paradoxa Dade)
37,270 (A) Coconut scape, Keta, Gold Coast, 1949. C.A.Lister.
39,075 Coconut endosperm, London, 1950. G.Smith(BB.246).
39,493 Bombax buonopozense, Tafo, Gold Coast, 1949. H.Owen(648).
45,851 Cupressus macrocarpa, Kenya, 1951. R.M.Nattrass.
50,560 Pineapple fruit rot, Malaya, 1952. A.Johnston.
50,577 Cacao husks, Asuansi, Gold Coast, 1952. J.J.Obeng.
60,109 Cotton duck, Didcot, Berks., 1955. E.S.L.Jones(86/2).
62,012 Sandoricum indicum, Muar, Malaya, 1955. A.Johnston(C/NS/97).

Ceratocystis piceae (Münch) Bakshi
(Syn. Ceratostomella piceae Münch, Ophiostoma piceae (Münch)H. & P. Syd.)
20,171 (A) Japanese larch, assoc. with Trypodendron lineatum, Scotland. B.K.Bakshi(1)—FPRL(395)—CMI, 1949.

Ceratocystis pilifera (Fr.) Moreau
(Syn. Ceratostomella pilifera (Fr.) Wint.)
25,316 Pine timber, U.S.A. USDA(89681)—FPRL(S.83)—CMI, 1948.

Ceratostomella paradoxa Dade — see Ceratocystis paradoxa.

Ceratostomella piceae Münch — see Ceratocystis piceae.

Ceratostomella pilifera (Fr.) Wint. — see Ceratocystis pilifera.

Ceratostomella radicicola Bliss
36,479 (T) Date palm, California, Bliss—CBS—CMI, 1949.

Cercospora elaeidis Steyaert
53,566 Elaeis guineensis, Belgian Congo, 1953. W G.Kovachich.
57,372 Elaeis guineensis seedlings, Nigeria, 1954. R.A.Bull(70-5).

Cercospora salina Sutherland
24,351 Seaweed (Chondrus crispus), Aberystwyth, Wales, 1946. I.M.Wilson.

Cerebella andropogonis Cés.
56,825 Cynodon dactylon, S.Africa, 1954. H.J.Swart(249).

Chaetocladium jonesii Berk. & Br.
40,066 Parasitizing Mucor mucedo, Bangor, Wales, 1950. C.G.Dobbs.

Chaetomidium fimeti (Fuckel) Zopf ex Sacc.
43,920 Man, Greifswald, Germany, 1950. Dr.Jung—CBS.

Chaetomium bostrychodes Zopf
39,574 Seed oats, Co.Down, N.Ireland, 1949. J.P.Malone(233.C/48).
39,725 Rabbit dung, London, 1930. W.M.Page.
54,764 Soil, England, 1953. G.W.F.Sewell—A.H.S.Brown.

Chaetomium brasiliense Bat. & Pont.
(Syn. C.hamatum Bat. & Pont., C.repandum Bat. & Pont., C.velutinum Ames)
31,638 Jute, Calcutta, S.N.Basu(117)—CMI, 1948.
42,201 (T) Dung of Cavia cobaya, Brazil, 1947. A.C.Batista.
44,212 Tent, G.W.Martin(J.359.APO.565 J.lm)—L.M.Ames—A.J.Skolko, 1950.
45,557 Tent canvas, New Guinea. M.H.Downing(QM.623) as C.velutinum—CMI, 1951.

Chaetomium cancroideum Tschudy
12,267 Reeds, Washington, U.S.A. Tschudy(1044.4)—L.M.Ames—CMI, 1947.

Chaetomium cochliodes Pall.
14,577 Linseed, Aberystwyth, Wales, ?1944. I.M.Wilson.
17,458 CBS (as C.globosum)—G.Smith.
39,726 Dickson—W.M.Page—CMI, 1950.
39,727 Saltant No.4. Dickson—W.M.Page—CMI, 1950.
39,728 Saltant No.7A. Dickson—W.M.Page—CMI, 1950.
40,424 Saltant No.SS8. Dickson—W.M.Page—CMI, 1955. (= M.Tvett's "strain A", highly antagonistic to Calonectria graminicola.)
44,204 Pea seed, St.Bernardin, Ontario, 1945. A.J.Skolko(DAOM.18073).

Chaetomium deustum Bat. & Pont.
— see IMI.42,200 C.globosum.

Chaetomium dolichotrichum Ames apud Greathouse & Ames
12,264 (T) Cade's Cove, Tenn., U.S.A. L.M.Ames(1044.7)—CMI, 1945.

Chaetomium elatum Kunze & Schmidt ex Fr.
17,424(a) Basket of compost, Yaxley, Northants, 1947. C.J.La Touche.
32,248 Alfalfa seed, Canada. J.Walton Groves (Ottawa Herb. No.15090)—CMI, 1940.
46,313 Contaminant of culture, G.B., 1950. I.C.I. Dyestuffs Division(3.93).

Chaetomium erectum Skolko & Groves
32,249 (T) Parsley seed, Milford, Conn., U.S.A., 1943. J.Walton Groves (Ottawa Herb. No.14205).

Chaetomium funicola Cooke
32,250 Hairy vetch seed, Guelph, Ontario, 1945. J.Walton Groves.
32,251 Bean seed, Summerland, British Columbia, 1947. J.Walton Groves.
32,544 Soil, Lakenheath Warren, Suffolk, 1948. J.H.Warcup(TNI/1).
33,911 Cacao root tissue culture, Tafo, Gold Coast, 1947. H.Owen.
34,530 Seed oats, Co.Fermanagh, N.Ireland, 1948. J.P.Malone(12.C/47).

Chaetomium globosum Kunze ex Fr.
16,203 Paper, Calcutta, 1942. S.M.Basu(79). Isolation used for testing mould-proofing.

17,367 Damp wall, Clapham, London, H. Gwynne-Vaughan—NCTC(1246) as C. pannosum Wallr., 1932.
42,200 Leaves of Manihot utilissima, Brazil. A. C. Batista (as C. deustum Bat. & Pont., FIPA. 1152).
45,550 M. H. Downing(QM. 459) (USDA. 1042. 4). Used in U. S. A. for testing mould-proofing.
57,400 Skin of calf, Cumberland, 1952. P. K. C. Austwick(V. 57/3).

Chaetomium indicum Corda
16,202 Jute, Calcutta, 1940. S. N. Basu(75).
32,247 Flax seed, Montreal, 1945. J. Walton Groves (Ottawa Herb. No. 15760, as C. dolichotrichum).
57,401 Mouldy hay, Ayr, 1953. P. K. C. Austwick(V. 418/6).

Chaetomium microcephalum Ames apud Greathouse & Ames
12,265 (?T)Cade's Cove, Tenn., U. S. A. L. M. Ames—CMI, 1945.

Chaetomium murorum Corda
36,633 Soil, Ampthill Forest Nursery, Beds., 1949. J. H. Warcup(E. 59).
54,765 Soil, England, 1953. G. W. F. Sewell—A. H. S. Brown.

Chaetomium ochraceum Tschudy
12,268 (A) Reeds, Washington State, U. S. A. Greathouse & Ames(1044. 5) —CMI, 1944.

Chaetomium olivaceum Cooke & Ellis
32,543 Soil, Lakenheath Warren, Suffolk, 1948. J. H. Warcup(B. 175).

Chaetomium pachypodioides Ames
12,266 (T) Great Smoky Mountains, Tenn., U. S. A. L. M. Ames(1044. 3) —CMI, 1948.

Chaetomium reflexum Skolko & Groves
32,252 (T) Pepper seeds, Toledo, Ohio. Skolko & Groves(42-I-426B)— Ottawa Herb. (14201)—CMI, 1948.

Chaetomium seminudum Ames
44,209 A. J. Skolko(42-I-342A)—CMI, 1950.

Chaetomium spinosum Chivers
47,190 Soil, Great Britain. Stenton(W. 141)—CMI, 1952.

Chaetomium spirale Zopf
45,556 Tropical America. M. H. Downing (QM. 622)—CMI, 1951.

Chaetomium succineum Ames
44,210 (A) G. W. Martin(J-6359)—L. M. Ames—A. J. Skolko, 1950.

Chaetomium tetrasporum Hughes
5,639 (T) Contaminant of culture, Cardiff, 1944. S. J. Hughes.

Chaetomium tortile Bain.
61,329 Rabbit dung, Isle of Man, 1953. W. M. Page.

Chaetomium trilaterale Chivers
62,160 Apple, Southern Rhodesia, 1955. G. R. Bates(MR. 13484).

Chaetomium velutinum Ames
— see C. brasiliense.

Chaetosphaeria callimorpha (Mont.) Sacc.
63, 517(a) Rubus, Ranmore Common, Surrey, 1956. C. Booth.

Chaetostylum fresenii van Tiegh. & le Monn.
63, 114 Meat from Argentina, England, 1956. M. L. Allport.

Chalaropsis thielavioides Peyron.
36, 934(a) Beech floor board. Junckers Savvaerk, Saell, Denmark, 1949. E. W. Mason.

Chlamydomyces palmarum (Cooke) Mason
38, 124 (A) Elaeis guineensis, Nigeria, 1949. J. M. Waterston(1103).
39, 639 (A) Seed oats, Co. Fermanagh, Northern Ireland, 1948. J. P. Malone.

Chlamydosporium submersum Peyronel
62, 531 (A) Soil, Italy, 1954. A. Mosea—B. Peyronel.

Chromocrea spinulosa (Fuckel) Petch ex Brooks & Math.
— see Hypocrea spinulosa Fuckel

Circinella minor Lendner
40, 634 Cat dung, Tafo, Gold Coast, 1949. H. Owen(670).

Circinella nigra Bain.
40, 067 CBS—C. G. Dobbs—CMI, 1950.

Circinella rigida G. Smith
45, 645 (T) Soil, Lakenheath Warren, Suffolk. J. H. Warcup—G. Smith(BB. 247) —CMI, 1951.

Circinella umbellata van Tiegh. & Le Monn.
54, 855 ?Rat dung, Australia, 1953. R. F. Langdon.

Cladosporium avellaneum de Vries
— see C. resinae (Lindau) de Vries

Cladosporium cladosporioides (Fresen.) de Vries
17, 853 Air above Gulf of Carpentaria, 1947. I. V. Newman(79).
25, 324 (T) Arundo leaf, Kew, 1943. G. R. Bisby (as "standard strain of C. herbarum. NCTC. 6740). Designated lectotype of C. cladosporioides by De Vries.
45, 534 A floor, Penn., U. S. A. M. H. Downing(QM. 489) as C. herbarum—CMI, 1951. Paint mould.
49, 623 (A) Wheat. Bennett—CBS, 1929—G. A. de Vries(Strain 1).
49, 624 (A) Hassell—CBS, 1949—G. A. de Vries(Strain 2).
49, 625 (A) Tengwall—CBS, 1921—G. A. de Vries(Strain 6).
49, 626 (A) Raistrick(4079)—CBS—G. A. de Vries.
49, 693 Sorghum seed, Tanganyika, 1952. J. S. Hemingway.
59, 473 Earthworms, Scotland, 1955. M. Kamel.
61, 418(b) Passiflora edulis, Nyasaland, 1955. D. C. M. Corbett(G. 2).

Cladosporium cladosporioides f. pisicola (Snyder) de Vries
49,627 (A) Peas, California. Snyder—CBS, 1935—G.A.de Vries.

Cladosporium cucumerinum Ell. & Arth.
49,628 Cucumber, Baarn, 1951. G.A.de Vries.
63,231 Cucumis sativus, Southern Rhodesia, 1956. A.Rothwell(MR.14026).

Cladosporium elatum (Harz) Nannf.
49,629 Melin(389:14)—CBS, July, 1933—G.A.de Vries.

Cladosporium fulvum Cooke
50,487 Tomato, Saki Valley, Southern Rhodesia, 1952. A.Rothwell.
54,976 Tomato, Fernhurst, Surrey. P.Day(4)—CMI, 1953. Race 1.
54,977 Tomato, Forton, Lancs. P.Day(19)—CMI, 1953. Race 5.
54,978 Tomato, Sidlesham, Sussex. P.Day(106)—CMI, 1953. Race 2.
54,979 Tomato, Wigton, Cumberland. P.Day(199)—CMI, 1953. Race 8.
54,980 Tomato, W.Chiltington, Sussex. P.Day(238)—CMI, 1953. Race 9.

Cladosporium herbarum (Pers.) Link ex Fr.
15,372 Wireworm (Agriotes sputator), Lincolnshire, 1947. B.A.Cooper.
49,630 Apple leaf, Baarn, 1949. Dr.Feekes—G.A.de Vries (Strain 2).
49,631 Typha angustifolia, Baarn, 1948. G.A.de Vries (Strain 3).
49,632 Loos—CBS, 1931—G.A.de Vries (Strain 4).
— see also C.cladosporioides IMI. 25,324 and 45,534.

Cladosporium macrocarpum Preuss
49,452 Air, Cardiff, 1952. Merfyn Richards.
49,634 Pileus of Cantharellus cibarius, Holland, 1951. G.A.de Vries(Strain 2).
49,635 Mycosphaerella tulasnei. Heald—CBS, 1931—G.A.de Vries (Strain 3).

Cladosporium resinae (Lindau) de Vries f.resinae
49,621 (T) Ointment, Utrecht, 1947. G.A.de Vries.

Cladosporium sphaerospermum Penzig
49,636 Nail. Tellier—G.A.de Vries, 1948 (Strain 1).
49,637 Nail. Zappey—G.A.de Vries, 1949 (Strain 2).
49,638 Engelhardt—G.A.de Vries (Strain 3).
49,639 Nicotiana tabacum. Jochems—CBS, 1933—G.A.de Vries (Strain 4).
49,640 Begonia stem rot, Aalsmeer, Holland, 1947. G.A.de Vries (Strain 5).
49,641 Janke—CBS, 1949—G.A.de Vries (Strain 6).
61,886 Painted wood, Guernsey, 1955. L.Ogilvie.

Cladosporium variabile (Cooke) de Vries
(Syn. Helminthosporium variabile Cooke; Heterosporium variabile Cooke)
49,642 (A) Spinacia oleracea, Baarn, 1948. G.A.de Vries (Strain 1).
49,643 (A) Spinacia oleracea. Labrousse—CBS, 1931—G.A.de Vries (Strain 2).

Clasterosporium maydicum Sacc.
— see Sporidesmium bakeri var.maydicum.

Claviceps purpurea (Fr.) Tul.
44,613 Ryegrass seed, Northern Ireland, 1941. A.E.Muskett(19).

Cochliobolus sativus (Ito & Kurib.) Drechsl. ex Dastur
(Syn. Helminthosporium sativum Pamm., King, & Bakke.)
21,195 CBS—Raistrick(Ag.94)—NCTC(4083), 1931.

Coemansia pectinata (Coemans) Bain.
61,308 Soil, G.B. J.H. Warcup(B73)—G. Smith(BB. 242), 1955.

Colletotrichum atramentarium (Berk. & Br.) Taubenh.
61,249 Tomato, Southern Rhodesia, 1955. A. Rothwell(MR. 13426).

Colletotrichum capsici (Syd.) Butler & Bisby group
56,173 Arachis voandzeia, Tanganyika, 1954. J. Hemingway(84/54).
62,477 Groundnut, Malaya, 1956. A. Johnston(C/NS/106).
62,560 Piper betle, Karachi, Pakistan, 1956. M. M. Shariff.
63,596 Peperamia magnolifolia, India, 1956. S. N. Das Gupta(D/C-IA).
63,597 Peperamia magnolifolia, India, 1956. S. N. Das Gupta(D/C-IB).

Colletotrichum corchorum Ikata & M. Yoshida
61,677 Corchorus capsularis, Dacca, Pakistan, 1955. Q. A. Ahmed(Q. 1).

Colletotrichum curvatum Briant & Martyn
45,525 Sunn hemp, Southern Rhodesia, 1951. G. R. Bates(Herb. S. Rhod. 9377(i)).

Colletotrichum gossypii South var. cephalosporioides A. S. Costa
61,315 Cotton plants, assoc. with anthracnose, Maracay, Venezuela, 1955. G. Malaguti.

Colletotrichum lindemuthianum (Sacc. & Magn.) Bri. & Cav.
63,364 Bean pod, assoc. with anthracnose, France. Roussel Laboratories, Ltd (UCLAF 230)—CMI, 1956. This strain is the subject of British Patent 19 918/56).

Colletotrichum phomoides (Sacc.) Chester
17,310 Tomato, Washington, U.S.A. —F. T. Brooks—NCTC(1130), 1921.

Colletotrichum tabacum Böning
50,187 Nicotiana tabacum, Rajahnundry, India, 1952. B. S. Kadam.
54,048 Nicotiana tabacum seed, Lusaka, Northern Rhodesia, 1953. E. A. Riley.

Conidiobolus villosus Martin
31,278 Derx—CBS—CMI, 1948.

Coniochaeta discospora (Auersw.) Cain
55,678 Soil, England, 1953. G. W. F. Sewell(C. 32).

Coniosporium corticale Ell. & Everh.
— see Cryptostroma corticale.

Coniothyrium minitans Campbell
51,358 Sclerotium trifoliorum in soil, nr. Tillingham, Essex, 1952. H. Tribe.

Coprotrichum purpurascens Bonord.
45,638 (A) Mushroom bed, Chesham, Bucks., 1951. F. C. Wood. Cause of "red Geotrichum" disease.

Cordyceps gracilis (Grev.) Dur. & Mont.
16,573(a) Hepialus larvae, Harpenden, Herts. A. Smith—P. H. Gregory(722).

Cordyceps militaris (L.) Link.
58,448 Insect, Virginia Water, Surrey, 1952. A.H.S. Brown(Pa. 57). (conidial).

Coremiella ulmariae (McWeeney) Mason apud Hughes
(Syn. Stysanus ulmariae McWeeney)
36,938 (A) Picea abies, Sjaelland, Hørsholm, Skordtrikt, Denmark, 1949. E.W. Mason.

Corticium fuciforme (Berk.) Wakef.
45,478 Turf, Northern Ireland. J.P. Malone—CMI, 1951.

Corticium praticola Kotila
34,886 Bean seedlings, Slough, Bucks., 1949. N. Flentje ("Bean 5")— E.M. Wakefield.
34,887 Bean seedlings, Slough, Bucks., 1949. N. Flentje ("Bean 4")— E.M. Wakefield.

Corticium solani (Prill. & Delacr.) Bourd. & Galz.
39,933 Wheat straw, Rothamsted, Herts., 1949. M. Glynne.
44,225 Potato, England. RCS(R. 55)—CMI, 1950.
44,226 Seakale, England. N. Montgomery (26)—CMI, 1950.
61,527(a) Elaeis guineensis, Belgian Congo, 1955. W.G. Kovachich.

Corynespora cassiicola (Berk. & Curt.) Wei
49,552 Skin, man, Trinidad, 1952. M.B. Morris.
56,007 Tomato leaves, Cuttock, India, 1953. U.N. Mohanty(C. 1. 2).
61,173 Elaeis guineensis leaves, Nigeria, 1955. J.S. Robertson(L. 3. 55).

Cryptosporella eugeniae Nutman & Roberts
56,425(a) Eugenia bark, Malaya, 1954. W.J. Cherewick.

Cryptostroma corticale (Ell. & Everh.) Gregory & Waller
43,527 (A) Sycamore, Wanstead Park, Essex. P.H. Gregory.

Cunninghamella blakesleeana Lendner
63,877 Strain H-334.F.R.Hansen et al.(steroid research)—ATCC(8688)-CMI,1956.

Cunninghamella echinulata Thaxt.
25,327 G.W. Martin, Iowa—NCTC(1792), 1924.
44,534(a) Groundnut seed, Urambo, Tanganyika, 1950. I.A.S. Gibson(73).
45,772 Greenhouse soil, Kenya, 1951. R.M. Nattrass(1462).
53,585 K.B. Raper(NRRL. 1369)—ATCC(8688a)—CMI, 1953. (+) m. 53586.
53,586 K.B. Raper(NRRL. 1368)—ATCC(8688b)—CMI, 1953. (-) m. 53585.

Cunninghamella elegans Lendner
21,198 W.H. Wilkins, Oxford—NCTC(6536), 1943. (+) m. 21199.
21,199 W.H. Wilkins, Oxford—NCTC(6537), 1943. (-) m. 21198.
54,601 Soil, Ibadan, Nigeria, 1953. W.L. Jackson.

Curvularia affinis Boedijn
38,975 (A) Cassava leaves, Buitenzorg, Java, 1948. Boedijn & Reitsma (B.R. 6/48)—CMI, 1949.
58,645 Soil, Belgian Congo, 1954. J. Meyer(189).

Curvularia andropogonis (Zimm.) Boedijn
38,980 (A) Andropogon nardus leaves, Buitenzorg, Java, 1948. Boedijn & Reitsma (B.R. 26/48).

Curvularia comoriensis Bouriquet & Jauffret
62,707 (A) Cymbopogon citratus, Comoro Is., 1956. G. Bouriquet.
62,708 (A) ditto, another isolation.

Curvularia crepinii (Westend.) Boedijn
(Syn. Brachysporium crepini (Westend.) Sacc.)
605 Ophioglossum vulgatum, Warbush, Hickling Broad, Norfolk, 1945. E.A. Ellis.

Curvularia fallax Boedijn
58,646 Soil, Belgian Congo, 1954. J. Meyer(190).
61,525 Leaves of oil palm seedling, Yaligimba, Belgian Congo, 1955. W.G. Kovachich(1002).
62,486 Rice, Malaya, 1956. A. Johnston(C/NS/119).
62,529(b) Dead wood, Sierra Leone, 1956. C. T. Pvne(M. 6478. a).

Curvularia geniculata (Tracy & Earle) Boedijn
(Syn. Helminthosporium geniculatum Tracy & Earle)
32,573 Leaf culture, Malaya, R. N. Hilton(152)—CMI, 1948.
49. 781 Soil, Dacca, Pakistan. Q. A. Ahmed(40)—CMI. 1952.

Curvularia lunata (Wakker) Boedijn
(Syn. Acrothecium lunatum Wakker)
22,812 Dosootie, Karachi, India, 1946. S. K. Sen Gupta.
61,307 Wheat, Nagpur, India, 1955. R. P. Asthana.
61,535 Tarpaulin, New Guinea. QM(120h)—CMI, 1955. Subject of U. S. Patent by Chas. Pfizer & Co., Inc., Concerning oxygenation of steroids.
62,104 Cynodon dactylon, Spain, 1955. J. Drew Smith(325).

Curvularia maculans (Bancr.) Boedijn
24,440 Hevea leaf culture, Malaya. R. N. Hilton(116), 1948.
38,972 (A) Andropogon sorghum, Buitenzorg, Java, 1948. Boedijn & Reitsma (B. R. 1/48).
58,112(a) Sorghum grain, Njala, Sierra Leone, 1954. F. C. Deighton(M. 6219. A
62,337 Soil, Belgian Congo, 1955 J. Meyer(20175).

Curvularia oryzae Bugnicourt
52,252 (A) Oryza sativa, Indo-China. F. Bugnicourt—Mycothèque, Paris—CMI, 1953.

Curvularia pallescens Boedijn
52,827 Rice, Hyderabad, India, 1953.
62,484 Rice, Malaya, 1956. A. Johnston(C/NS/117).
62,485 Rice, Malaya, 1956. A. Johnston(C/NS/118).

Curvularia spicifera (Bain.) Boedijn
(Syn. Helminthosporium spiciferum (Bain.) Nicot.)
56,353 Tomato seedlings, Egypt, 1954. W. E. Ashour.
61,533 (A) J. Nicot—CBS—CMI, 1955.

Curvularia uncinata Bugnicourt
52,253 (A) Oryza sativa, Indo-China, 1947. F. Bugnicourt—Mycothèque, Paris (694)—CMI, 1953.

Cylindrocarpon effusum Bugnicourt
55,921 (A) Indo-China. F. Bugnicourt.

Cylindrocarpon radicicola Wollenw.
43, 574 Agrostis (?)tenuis, New Zealand, 1950. I.D. Blair.
61, 536 Feekes—CBS—CMI, 1955.

Cylindrocarpon reteaudii Bugnicourt
55, 922 (A) Indo-China. F. Bugnicourt.

Cylindrocarpon tonkinense Bugnicourt
55, 920 (A) Indo-China. F. Bugnicourt.

Cylindrocladium scoparium Morgan
61, 680 Leaves of Annona squamosa, Cuttack, Orissa, India, 1955. U.N. Mohanty(1).

Dactylaria pyriformis Juniper
56, 803 (T) Cow dung, Langdon Hills, Essex, 1953. A.J. Juniper. Captures nematodes.

Dactylaria scaphoides Peach
50, 675 (T) Typha latifolia leaves & plant débris, Wisley Pool, Surrey, 1950. S.M. Dixon.

?Dematium nigrum Link
17, 467 Bainier Coll'n—M.B. Church, Washington(4719.3)—NCTC(1745), 1924.

Dendrophoma obscurans (Ellis & Everh.) Anderson
42, 124 Strawberry leaves, Tanganyika, 1950. G.B. Wallace.

Dendryphion atrum Corda
— see Dendryphiopsis atra.

Dendryphion laxum Berk. & Br.
31, 291 Sacking, Guernsey, 1948. E.W. Mason.

Dendryphion penicillatum (Corda) Fr.
— see Pleospora papaveracea.

Dendryphiopsis atra (Corda) Hughes
(Syn. Dendryphion atrum Corda)
41, 303 Cupressus macrocarpa, Kenya, 1950. R.M. Nattrass(1264).

Dictyostelium mucoroides Bref.
50, 356 Bean leaves, Cambridge, 1952. B.J.T. Baldwin—R. Leach.

Didymella lycopersici Kleb.
61, 313 Tomato stem, Grouville, Jersey, 1955. States Exp. Sta. (55/A/330/1).
61, 314 Ditto. (55/A/330/2).

Diplodia sapinea (Fr.) Fuckel
57, 821(b) Pinus pinaster, timber mill, Melbourne, Australia, 1954. N.E. Walters(DFP.4702).

Dothiorella ribis (Fuckel) Sacc.
— see Botryosphaeria ribis.

Dothiorella ulmi Verrall & May
45, 826 Goss—CBS—CMI, 1951.

Echinobotryum atrum Corda
43,604 Seed oats, Belfast, N.Ireland, 1946. J.P.Malone(53.D).
43,605 Seed oats, Belfast, N.Ireland, 1946. J.P.Malone(5.B).
57,417 Faeces of pig, Devon, 1952. P.K.C.Austwick(V.150/5).

Elsinoe phaseoli Jenkins
56,102 Dwarf beans, Southern Rhodesia, 1954. A.Rothwell.

Emericella spp.
— see Aspergillus stellatus.

Endoconidiophora coerulescens Münch
— see Ceratocystis coerulescens.

Endomycopsis capsularis (Schionning) Dekker
62,463 G.M.Francis, Roy.Coll.Science—CMI, 1956.

Endothia parasitica (Murr.) Anderson & Anderson
59,815 Chestnut. CBS—G.Smith(BB.213), 1954.

Epicoccum purpurascens Ehrenb. ex Wallr.
45,171 Air, London, 1951. K.Maunsell.
61,336 Urtica sp., Goblin Coombe, Cleeve, Somerset, 1955. A.H.S.Brown.

Eremascus albus Eidam
41,285 Mustard powder, Cambridge, 1950. F.T.Brooks.

Eremothecium ashbyi Guill.
14,783 (T) Cotton bolls, Berber, Sudan. R.E.Massey—CMI—Guilliermond—CBS—G.R.Bisby—NCTC(7041), 1945.
31,269 W.J.Robbins, N.Y.Botanic Gdn.—CMI, 1948.

Exobasidium vexans Mass.
51,593 Tea, Ceylon. CBS—CMI, 1953.
51,594 Tea. Bogeř—CBS—CMI, 1953.

Exosporina fawcettii Wilson
31,449 (A) Persian walnut, Visalia, Tulare Co., Cal., U.S.A., 1948. E.E.Wilson.

Fusariella bizzozeriana (Sacc.) Hughes
55,526 Débris of stone pit, near Tournus, France, 1952. J.Nicot(Mycothèque, Paris 291).

Fusariella obstipa (Poll.) Hughes
55,285 Sand, Hamada du Guir, nr.Beni-Abbès, Algeria, 1952. J.Nicot (Mycothèque, Paris 292).

Fusarium annulatum Bugnicourt
55,919 (A) Indo-China. F.Bugnicourt.

Fusarium avenaceum (Fr.) Sacc.
47,186 Seed oat, Northern Ireland, 1950. J.P.Malone(127).
49,894 Seed of Vicia sativa, Kenya, 1952. R.M.Nattrass(1772); (= W.L.Gordon 3305).
49,895 Seed of Dactylis glomerata, Kenya, 1952. R.M.Nattrass(1773); (= W.L. Gordon 3306).

Fusarium bulbigenum Cooke & Massee var. lycopersici (Brushi) Wollenw.
45,617 CBS—P.H.Williams—CMI, 1951.

Fusarium coeruleum (Lib.) Sacc.
44,742 A. R. Wilson(DR. 59)—P. W. Brian(35)—CMI, 1951.

Fusarium compactum (Wollenw.) Gordon
61,306 (A) Wheat, Nagpur, India, 1955. R. P. Asthana (= W. L. Gordon 4032).

Fusarium culmorum (W. G. Smith) Sacc.
19,986 Margarine, Boxmoor, Herts., 1947. F. D. Armitage.
35,099 Soil, Ampthill Forest Nursery, Beds., 1949. J. H. Warcup(E. 8).
59,448 Hay (toxic to heifers), Wolverhampton, 1952. P. K. C. Austwick (V. 126/1).
63,123 Wood pulp, Slough, Bucks., 1956. J. Payne (= W. L. Gordon 4121).

Fusarium decemcellulare Brick
— see Calonectria rigidiuscula.

Fusarium dimerum Penz.
39,601 Rotten timber of butter churn, Kenya, 1950. R. M. Nattrass(1306).
42,796 Banana root, Portland, Jamaica, 1950. J. Rishbeth.
49,790 Soil, Dacca, Pakistan. Q. A. Ahmed(61)—CMI, 1952.

Fusarium equiseti (Corda) Sacc.
35,100 Soil, Ampthill Forest Nursery, Beds., 1949. J. H. Warcup(E. 9).
42,799 Banana rhizome, St. Catherine, Jamaica, 1950. J. Rishbeth.
49,103 Musa sp., fruit rot, Kenya, 1951. R. M. Nattrass(1357); = W. L. Gordon 3182.
49,354 Citrus roots, Kenya, 1952. R. M. Nattrass(1706); = W. L. Gordon 3290.
49,525 Seed of Chloris gayana, Kenya, 1952. R. M. Nattrass(1743); = W. L. Gordon 3297.
49,888 Seed of Hordeum vulgare, Kenya, 1952. R. M. Nattrass(1766); = W. L. Gordon 3299.
49,889 Seed of Ornithopus sativus, Kenya, 1952. R. M. Nattrass(1767); = W. L. Gordon 3300.
49,890 Cynodon dactylon, Kenya, 1952. R. M. Nattrass(1768); = W. L. Gordon 3301.
49,893 Seed of Bothriochloa insculpta, Kenya, 1952. R. M. Nattrass(1771); = W. L. Gordon 3304.
49,898 Roots of Chrysanthemum cinerariifolium, Kenya, 1952. R. M. Nattrass(1776); = W. L. Gordon 3309.
50,531 Maize, male flowers, Malaya, 1952. A. Johnston(732); = W. L. Gordon 3378.
59,617 Cotton seedlings, Abbassia, Egypt, 1954. A. H. Montasiz; = W. L. Gordon 3897.

Fusarium graminearum Schw.
49,105 Triticum vulgare, Kenya, 1951. R. M. Nattrass(1662); = W. L. Gordon 3184. A mutant strain.

Fusarium heterosporum Nees ex Fr.
49,106 Cenchrus ciliaris, Kenya, 1951. R. M. Nattrass(1710); = W. L. Gordon 3185.

Fusarium javanicum Koorders
29,817 M. S. Lacey—CMI, 1948. Produces javanicin.

Fusarium lateritium Nees ex Fr.
49,104 Albizzia sp., Kenya, 1951. R. M. Nattrass(1438); = W. L. Gordon 3183.

49,523 Seed of Lupinus sp., Kenya, 1952. R.M.Nattrass(1741); = W.L. Gordon 3295.
49,897 Flower of Chrysanthemum cinerariifolium, Kenya, 1952. R.M. Nattrass(1775); = W.L.Gordon 3308.

Fusarium lateritium var.longum Wollenw.
52,048 Coffee, dieback, Tanganyika, 1953. G.B.Wallace(68/53); = W.L. Gordon 3500.
53,606 Coffee, assoc. with 'scaly bark', Tanganyika, 1953. G.B.Wallace. Storey's form A1.
62,693 Coffee, bark and wood, Nyasaland, 1956. D.C.M.Corbett(1288). (= W.L.Gordon 4098).
62,694 Coffea longium Wollenw., bark and wood, Nyasaland, 1956. D.C.M. Corbett(1289). (= W.L.Gordon 4099).
63,522 Coffee, Nyasaland, 1956. D.C.M.Corbett(1310). Storey's form A1. (= W.L.Gordon 4145).

Fusarium lini Bolley
38,062 Flax seed, Wales, 1943. A.E.Muskett(37).
38,063 Flax, Canada, 1940. A.E.Muskett(38).
38,064 Flax, Canada, 1940. A.E.Muskett(39).

Fusarium merismoides Corda
61,668(a) Cotton river-water filters, Barking, Essex, 1955. W.C.Dewey.

Fusarium moniliforme Sheld.
— see Gibberella fujikuroi.

Fusarium moniliforme var.anthophilum (A.Braun) Wollenw.
45,499 Copra, Trinidad. A.C.Thaysen—CMI, 1951;=W.L.Gordon 3080.

Fusarium nivale (Fr.) Ces.
— see Calonectria nivalis.

Fusarium oxysporum Schlecht. ex Fr.
35,097 Soil, Lakenheath Warren, Suffolk, 1948. J.H.Warcup(B.10).
42,050 Wheat seedlings, Tanganyika, 1950. G.B.Wallace.
42,052 Clarkia elegans, Tanganyika, 1950. G.B.Wallace.
42,801 Soil, banana plantation, Bodles, St. Catherine, Jamaica, 1950. J.Rishbeth (6).
45,920 Passiflora edulis, Kenya, 1952. R.M.Nattrass(1738). = W.L. Gordon 3292.
49,194 Passiflora edulis, Kenya, 1951. R.M.Nattrass(1349). = W.L. Gordon 3190.
49,524 Roots of Lupinus sp., Kenya, 1952. R.M.Nattrass(1742); = W.L. Gordon 3296.
49,932 Hops, canker, Tasmania, 1952. G.C.Wade(63).
52,659 Vicia faba root, Mandria, Cyprus, 1953. R.A.Altson(Fm).
52,660 Vicia faba root, Chiflikouthia, Cyprus, 1953. R.A.Altson(Fg).
52,985 Vicia faba, Chiflikouthia, Cyprus, 1953. R.A.Altson(Fc); = W.L. Gordon 3560.
52,986 Vicia faba, Chiflikouthia, Cyprus, 1953. R.A.Altson(Fb); = W.L. Gordon 3559.
52,989 Vicia faba, Mandria, Cyprus, 1953. R.A.Altson(Fn); = W.L.Gordon 3562.
52,991 Vicia faba, Mandria, Cyprus, 1953. R.A.Altson(Fo); = W.L.Gordon 3563.
59,449 Goose egg membrane, Devon, 1952. P.K.C.Austwick(V.105/2).

Fusarium oxysporum f. cubense (E. F. Smith) Snyder & Hansen
48,841 Musa sp., Kenya, 1952. R. M. Nattrass(1705).
50,182 Banana, Kenya, 1952. R. M. Nattrass(1799).

Fusarium oxysporum f. dianthi (Prill. & Delacr.) Snyder & Hansen
42,051 Carnation rot, Tanganyika, 1950. G. B. Wallace.

Fusarium oxysporum f. gladioli (Massey) Snyder & Hansen
62,567 Gladiolus sp., Kenya, 1956. R. M. Nattrass(1972). (= W. L. Gordon 4094).

Fusarium oxysporum var. redolens (Wollenw.) Gordon
52,987 (A) Vicia faba, Mandria, Cyprus, 1953. R. A. Altson(Fl); = W. L. Gordon 3561.
58,926 Man, finger-nail, London, 1954. C. Warren.

Fusarium roseum Link
61,377 Canvas tent, India. QM(38.g)—CMI, 1955.

Fusarium sambucinum Fuckel
44,918 Soil, Ampthill Forest Nursery, Beds., 1950. J. H. Warcup (4.S.2).

Fusarium sambucinum Fuckel forma
59,450 Air sac of turkey, 1953. P. K. C. Austwick(V. 570).

Fusarium scirpi Lamb. & Fautr.
45,490 Pumpkin root (wilt), Nyanyadzi, Southern Rhodesia. J. Broadfoot (9285)—CMI, 1951; = W. L. Gordon 3078.

Fusarium scirpi var. acuminatum (Ellis & Everh.) Wollenw.
35,098 Soil. Lakenheath Warren, Suffolk, 1948. J. H. Warcup(B. 79).

Fusarium scirpi var. compactum Wollenw.
52,129 Soil, Sudan. M. A. Nour—CMI, 1953. (= W. L. Gordon 3496).

Fusarium semitectum Berk. & Rav.
49,355 Chrysanthemum cinerariifolium, Kenya, 1952. R. M. Nattrass(1718); (= W. L. Gordon 3194).
49,690 Sorghum seed, Tanganyika, 1952. J. S. Hemingway(K. 2); = W. L. Gordon 3365.
49,891 Seed of Capsicum annuum, Kenya, 1952. R. M. Nattrass(1769); = W. L. Gordon 3302.
49,892 Seed of Hibiscus cannabinus, Kenya, 1952. R. M. Nattrass(1770); = W. L. Gordon 3303.

Fusarium solani (Mart.) Sacc.
42,797 Banana root, St. Catherina, Jamaica, 1950. J. Rishbeth(2).
47,163 Hevea rubber, tapping panel, Malaya, 1951. R. Hilton (R. R. I. 323).
49,360 Contaminant of culture, Kenya, 1951. R. M. Nattrass(1732); = W. L. Gordon 3199.

50, 557 Carica papaya fruit, Malaya, 1952. A. Johnston; = W. L. Gordon 3380.
58, 668 Y. van Koot—CBS—CMI, 1954.
61, 324 A capsid, Tafo, Gold Coast, 1955. G. Usher(151/6/1); = W. L. Gordon 4057).
61, 674 Dacca, Pakistan, 1955. Q. A. Ahmed. (= W. L. Gordon 4056).

Fusarium trichothecioides Wollenw.
38, 153 Potatoes, Scotland, Boyd, Edinburgh—W. L. Gordon(2699)—CMI, 1949.

Fusarium vasinfectum Atk.
43, 528 CBS—W. L. Gordon(120), 1932.
59, 615 Cotton seedlings, Abbassia, Egypt, 1954. A. H. Montasiz; (= W. L. Gordon 3896).
61, 516 Cotton seedling, Egypt, 1955. A. Fikry(1).
61, 517 Ditto. A. Fikry(2).

Fusicoccum castaneum Sacc.
56, 683 Sweet chestnut, Bromshill Nursery, Hants., 1954. S. Batko.

Ganoderma lucidum (Leys ex Fr.) Karst.
53, 179 Elaeis guineensis, Nigeria, 1948. R. A. Bull(WAIFOR 9).

Gelasinospora autosteira Alexop. & Sun.
45, 324 (T) Strain A. Leaves of Tillandsia usneoides, Natchez, Mississippi, U. S. A., 1949. C. J. Alexopoulos. m. 45, 325.
45, 325 (T) Ditto, Strain B. m. 45, 324.

Gelasinospora cerealis Dowding
8, 991 (A) Wheat or oat crowns, Manitoba, Canada. E. S. Dowding—CMI, 1946.
47, 701 J. H. Warcup(E. 143)—CMI, 1951.
54, 767 Soil, England, 1953. G. W. F. Sewell—A. H. S. Brown.

Gelasinospora retispora Cain.
44, 145 (T) Beta vulgaris var. cicla seeds, Enkhuisen, Holland. J. W. Groves—R. F. Cain(12105).
51, 437 Soil, Durham, 1952. J. A. Richardson(P. H. A.).
54, 766 Soil, England, 1953. G. W. F. Sewell—A. H. S. Brown.

Gelasinospora tetrasperma Dowding
50, 358 Parsnip seed, British Columbia, E. Silver Keeping—CMI, 1952.

Geotrichum candidum Link
46, 237 Cucumber fruit, Njala, Sierra Leone, 1951. F. C. Deighton(M. 3883).
54, 785 Elaeis guineensis, Belgian Congo, 1953.

Geotrichum candidum var. citri-aurantii (Ferraris) R. Cif. & F. Cif.
(Syn. Oospora citri-aurantii (Ferraris) Sacc. & Syd.)
21, 190 Orange fruit, Mazoe, Southern Rhodesia. G. R. Bates—NCTC(3500), 1932.

Gibberella cyanogena (Desm.) Sacc.
49, 933 Hops, "growing off", Tasmania, 1952. G. C. Wade(65).

Gibberella fujikuroi (Sawada) Wollenw.
(Syn. Fusarium moniliforme Sheld.)
35, 108 Chona—CBS—CMI, 1949.
45, 545 India. M. H. Downing(QM. 427)—CMI, 1951. Actively attacks autoclaved wool.

46,872 Sorghum roots, Israel, 1951. Minz.
49,102 Saccharum officinarum, Kenya, 1951. R.M.Nattrass(1356); = W.L. Gordon(3181).
51,111 Soil, Giza, Egypt, 1952. K.Naguib.
58,289 Rice, Japan. Miyake—CBS—P.W.Brian(BRL.914)—CMI, 1954. Produces gibberellic acid.
58,290 Rice, Japan. Sawada—CBS—P.W. Brian(BRL.917)—CMI, 1954. Produces gibberellic acid.
58,291 Rice, India. T.S.Ramakrishnan (Masutera strain)—P.W.Brian(BRL. 1001)—CMI, 1954. Produces gibberellic acid.
58,292 Rice, India. T.S.Ramakrishnan (Coimbatore strain)—P.W.Brian(BRL. 1004)—CMI, 1954. Produces gibberellic acid.
58,293 Rice, Italy. E.Baldacci—P.W.Brian(BRL.1135)—CMI, 1954. Produces gibberellic acid.
58,294 Rice, Italy. G.Gobi—P.W.Brian(BRL.1139)—CMI, 1954. Produces gibberellic acid.
58,519 Maize cobs, Northern Rhodesia, 1954. E.A.Riley(409); = W.L. Gordon 3890.
61,274 Raw cotton, Alabama, U.S.A., 1936. H.Humfeld—USDA(1004.1)—QM (1224). (= NRRL.2374, ATCC.10052). (U.S.A.Specification MIL-E-5272A.) Test strain for mould-proofing.
61,305 Wheat, Nagpur, India, 1955. R.P.Asthana (= W.L.Gordon 4031).

Gibberella zeae (Schw.) Petch
43,501 Seed oats, Belfast, Northern Ireland, 1950. J.P.Malone.
58,518 Maize cob, Northern Rhodesia, 1954. E.A.Riley(401); = W.L.Gordon 3889.
61,392 Maize, Kenya, 1955. A.W.S.Duff. (= W.L.Gordon 4046).
61,417(a) Coffee, Nyasaland, 1955. D.C.M.Corbett(CD.1/D2).
62,716 Wheat, Lusaka, Northern Rhodesia, 1956. B.Mounter.

Glenospora sp.
35,103 Aborted calf foetus, Kent, 1949. G.Kershaw(133).

Gliocladium album (Preuss) Petch
40,084 ?Physarum sp. on a rotting log, Highpark, Stanmer, Sussex, 1950. P.K.C.Austwick(F.48).
45,000 Contaminant of culture from Canada, 1950. G.R.Bisby.

Gliocladium catenulatum Gilman & Abbott
40,022 K.B.Raper(NRRL.1091)—G.Smith, 1949.
54,857 Soil, Brisbane, Australia, 1953. R.F.Langdon.
57,402(a) Skin of Siamese cat, Berkhamsted, 1953. P.K.C.Austwick(V.505).

Gliocladium deliquescens Sopp
40,023 K.B.Raper(NRRL.1086)—G.Smith, 1949.
49,797 Soil, Dacca, Pakistan. Q.A.Ahmed(254)—CMI, 1952.

Gliocladium fimbriatum Gilman & Abbott
39,919 Soil, Ampthill Forest Nursery, Beds., 1950. J.E.Brind(4.ASF.1).
49,791 Soil, Dacca, Pakistan. Q.A.Ahmed(66)—CMI, 1952.
49,800 Soil, Dacca, Pakistan. Q.A.Ahmed(268)—CMI, 1952.

Gliocladium roseum Bain.
40,024 Soil, U.S.A., 1930. K.B.Raper(NRRL.1085)—G.Smith, 1949.
43,608 Seed oats, Belfast, N.Ireland, 1950. J.P.Malone.

45,493 Raspberry roots, Melsetter, Southern Rhodesia, 1951. J. Broadfoot (Herb. S. Rhod. 9795).
48,681 Cotton stalks, Arizona, U.S.A., 1952. J.G. Brown(1).
59,284 Pinus peuce seeds, Farnham, Surrey, 1955. S. Batko.
59,285(a) Robinia pseudo-acacia, Great Britain, 1955. S. Batko(F. 259).

Gliocladium vermoeseni (Biourge) Thom
40,231 H.S. Fawcett—NRRL(1752)—G. Smith—CMI, 1950.
56,246(a) Palm (Pritchardia filifera) leaves and apical bud, Egypt, 1954. Abd El Kader and M. El Zarka.

Gliomastix convoluta (Harz) Mason
43,610 Seed oats, Belfast, 1948. J.P. Malone(19.A/47).
45,549 A shoe, Bougainville, Solomon Is. M.H. Downing(QM. 4c)—CMI, 1954.
55,317 (A) Soil, Cambridge, 1953. H.T. Tribe(25B).
56,093(a) (A) Dead twig of Bougainvillea spectabilis (orange var.), Njala, Sierra Leone, 1954. F.C. Deighton(M. 5615A).

Gliomastix convoluta var. felina (Marchal) Mason
52,640 Soil, Chobham Common, Surrey, 1953. P. Bull—M.P. Topping(537).
63,331 Dust, London, 1956. R.R. Davies.

Gliomastix protea (Sacc.) Verona & Castella
31,229(a) Bamboo stick, Trawscoed, Aberystwyth, 1948. S.J. Hughes & D.K. Jones.

Gloeosporium musarum Cooke & Massee
52,264 Musa sapienta, Matuga, Kenya, 1953. R.M. Nattrass(1850).

Glomerella cingulata (Stonem.) Spauld. & Schrenk
48,160 Matthiola incana, Brisbane, Australia, 1951. R.F. Langdon (Univ. of Queensland 650).
58,716 Elaeis guineensis, Yaligamba, Belgian Congo, 1954. W.G. Kovachich (HCB. 879).
60,057 Elaeis guineensis seedling, Nigeria, 1955. R.A. Bull.
62,076 Grapefruit, England, 1955. R.K.S. Wood(G. 2).
63,595 Aglonema simplex, India, 1956. S.N. Das Gupta(D/C. VI).
63,598 Peperomia magnolifolia, India, 1956. S.N. Das Gupta(D/C. II).

Glomerella gossypii Edgerton
61,300 Allium cepa leaves, nr. Zaria, Nigeria, 1955. R.E. Wyatt.

Gonatobotrys microspora Riv.
56,822 Rotting grass, S. Africa, 1952. H.J. Swart(130).

Gonatobotrys simplex Corda
54,373 Beech bark, Knole Park, Sevenoaks, Kent, 1953. M. Vincent(11/11).

Gonytrichum macrocladum (Sacc.) Hughes
60,230 Soil, Dehra Dun, India, 1955. B.K. Bakshi(40).

Graphium cuneiferum (Berk. & Br.) Mason & M.B. Ellis
34,001(e) Cabbage stalk, Stoke Poges, Bucks., 1949. M.F. Madelin.
56,828 (A) Seed oats, Northern Ireland, 1954. J.P. Malone(17/A).

Gymnoascus subumbrinus A.L. Smith & Ramsb.
41,112 Soil, Lakenheath Warren, Suffolk, 1948. J.H. Warcup(B. 30).

Hansfordia grisella (Sacc.) Hughes
(Syn. Botrytis grisella Sacc.)
20,743 (A) Air, Auckland, New Zealand, 1947. Vernon(A.21.2).

Haplographium calophylli Wiehe
45,863 Calophyllum inophyllum, Mauritius, 1951. G.Orian ("b").

Helicodendron giganteum Glen-Bott
44,159 (T) Decaying oak & beech leaves, Windermere, Westmorland, 1949. J.I. Glen-Bott—C.T.Ingold—CMI, 1950.
52,472 Decaying birch leaf in drainage furrow, nr.Stockholm, Sweden, 1950. A.L.van Beverwijk.

Helicodendron triglitziense (Jaap) Linder
38,968 Submerged leaves, Chislehurst, Kent, J.I.Glen-Bott—C.T.Ingold.
52,469 Decaying birch leaf in pond, Eerde, nr.Ommen, Holland, 1948. A.L. van Beverwijk.

Helicostylum elegans Corda
60,440 Woodlice, Cambridge, 1955. J.N.Lythgoe—R.W.G.Dennis.

Helicostylum pyriforme Bain.
34,453 Fermented cacao from W.Africa, incubated at CMI, 1949. G.M. Waterhouse.
52,123 Soil, Sudan. M.A.Nour—CMI, 1953.
57,446(a) Insect larva, Njala, Sierra Leone, 1954. F.C.Deighton(M.6078A).

Heliscus longibrachiatus Ingold
62,079 (A) Decaying leaves in stream, Ide Hill, nr.Sevenoaks, Kent, 1955. C.T.Ingold.

Helminthosporium australiense Bugnicourt
53,994 (T) Rice, Australia. F.Bugnicourt(2)—CMI, 1953.

Helminthosporium bicolor Mitra
56,996 Banana, Tanganyika, 1954. G.B.Wallace(230/54).

Helminthosporium biforme Mason & Hughes
32,847 (A) Seed oats, N.Ireland, 1948. J.Malone.

Helminthosporium carbonum Ullstrup
58,713 Elaeis guineensis, Yaligamba, Belgian Congo, 1954. W.G.Kovachich (HCB.853).
61,526 Sarcophrynium sp., Belgian Congo, 1955. W.G.Kovachich(1001).

Helminthosporium cynodontis Marign.
45,769 Cynodon transvaalensis, Nairobi, Kenya, 1951. R.M.Nattrass(1561).

Helminthosporium geniculatum Tracy & Earle
— see Curvularia geniculata.

Helminthosporium halodes Drechsl.
48,842 Seed of Pennisetum spicatum, Southern Rhodesia, 1951. W.E.Kerr (G.32).

Helminthosporium halodes var. elaeicola Kovachich
52,930(a) (T) Elaeis guineensis leaves, Yaligamba & Elizabetha, Belgian Congo, 1953. W.G.Kovachich.

55, 304 (A) Elaeis guineensis leaves, Yaligamba & Elizabetha, Belgian Congo, 1953. W. G. Kovachich.

Helminthosporium halodes var. tritici Mitra
22, 971 Wheat roots (wilt), Sudan. S. A. J. Tarr—CMI, 1948.

Helminthosporium hawaiiense Bugnicourt
52, 822 (A) Linum, Hyderabad, India, 1953. Osmania Univ. (12).
52, 826 (A) Rice, Hyderabad, India, 1953. Osmania Univ. (16).
53, 993 (A) Rice, New Guinea. F. Bugnicourt(1)—CMI, 1953.

Helminthosporium portulacae Rader
37, 710(i) Portulaca grandiflora, Canada, 1949. I. L. Conners.

Helminthosporium rostratum Drechsl.
53, 251 Maize, Southern Rhodesia, 1953. W. E. Kerr(MR. 11, 676).
61, 304 Wheat, Nagpur, India, 1955. R. P. Asthana.
61, 867 Rice, Bengal, India, 1954. S. B. Chattopadhyay(H. 5).
61, 868 Ditto (H. 28).

Helminthosporium smithii Berk. & Br.
5, 649(b) Beech wood and bark, Ranmore Common, Surrey, 1946. M. B. Ellis.

Helminthosporium sorghicola Lef. & Sherw.
53, 252 Seed of Sorghum vulgare, Southern Rhodesia, 1953. W. E. Kerr (MR. 11, 675).

Helminthosporium spiciferum (Bain.) Nicot
— see Curvularia spicifera (Bain.) Boedijn

Helminthosporium torulosum (Syd.) Ashby apud Mason
44, 312 Green fruit of Musa cavendishii, Devonshire, Bermuda, 1950. J. M. Waterston(1142).

Hemispora stellata Vuill.
— see Sporendonema sebi

Hendersonina sacchari Butl.
62, 555 Sugar-cane, E. Pakistan, 1956. M. Ishaque.

Hendersonula toruloidea Nattrass
31, 449 (A) Persian walnut, Visalia, Tulare Co., California, 1948. E. E. Wilson.
39, 473 Manihot utilissima stems, Tamale, Gold Coast, 1949. S. J. Hughes.
49, 167 Morus alba, Punjab, Pakistan, 1952. A. Hahmid Khan(M. 472).
51, 975 Morus alba cankers, U. S. A. Hal Dill—A. L. van Beverwijk—CMI, 1953.
55, 277(a) Melia azederach, Punjab, Pakistan, 1952. A. H. Kahn(F. R. I. /M. 87).

Heterocephalum aurantiacum Thaxt.
62, 339 Soil, Belgian Congo, 1956. J. Meyer(34118).

Heterosporium terrestre R. G. Atkinson
51, 380 (T) Soil, Ancaster, Ontario, Canada, 1952. R. G. Atkinson.

Hormodendrum langeronii Da Fonseca, Leão, & Penida
31, 277 (T) Man, ulcero-nodular mycosis, Brazil, 1927. Da Fonseca—NCTC (2893), 1927.

Humicola fusco-atra Traen
59,609 Rhizosphere of Tropaeolum sp., Ain Shams University, Egypt, 1954. A. H. Montasiz.
60,224 Dalbergia sissoo, India, 1955. B. K. Bakshi(23).

Hymenula socia Sacc.
37,228(a) Albizzia zygia bark, Tafo, Gold Coast, 1949. S. J. Hughes.

Hypocrea lenta (Tode) Fries
49,271 Acer negundo, Arlington, U.S.A., 1945. C. L. Shear(6016).

Hypocrea spinulosa Fuckel
(Syn. Chromocrea spinulosa (Fuckel) Petch ex Brooks & Math.)
39,915 Dactylis glomerata, Cambridge, 1945. E. C. Ballard—D. G. Catcheside.

Hypomyces aurantius (Pers. ex Fr.) Tul.
27,812 Polystictus sp., England. C. J. Hickman—CMI, 1948.
56,560 Polystictus versicolor, Grantley Hall, Yorks., 1954. C. J. La Touche.
56,561 Polyporus betulinus, Fountains Abbey, Yorks., 1954. C. J. La Touche.

Hypomyces rosellus (Alb. & Schw. ex Fr.) Tul.
60,346(a) Pinus, wood & bark, Whippendell Wood, Herts., 1955. A. H. S. Brown.

Hypomyces solani Reinke & Berth.
23,982 Contaminant in culture, Kew, 1948. H. A. Dade. (Forms perfect state in vitro).

Isaria cretacea van Beyma
21,166 Contaminant of yeast culture, Great Burgh. W. P. K. Findlay—NCTC (5187), 1937.

Isaria farinosa (Dicks.) Fr.
34,420 E. W. Mason—CBS—CMI, 1949.
50,915 Pupa of Mammestra brassicae, Belfast, N. Ireland, 1952. A. E. Muskett.
58,444 CBS—A. H. S. Brown(Pa. 50), 1951.

Isaria felina (DC.) Fr.
54,853 Dung (?of rat), Brisbane, Australia, 1953. R. F. Langdon.

Itersonilia perplexans Derx
62,257 Parsnip, U.S.A. G. Sewell—CBS—CMI, 1956.

Kabatiella microsticta Bubák
14,782 Convallaria majalis, England, 1946. G. R. Bisby.

Kernia spirotricha (Benjamin) Benjamin
60,034 (T) Deer dung, San Gabriel Canyon, Cal., U.S.A., 1953. R. K. Benjamin(RSABG. 116).

Lachnea cretea (Cooke) Phill.
29,660 CBS—CMI, 1948.

Leptographium lundbergii Lagerb. & Melin
56,685 Scots pine, Aberdeen, 1954. S. Batko.

Leptosphaeria coniothyrium (Fuckel) Sacc.
52,734 Soil, Northern Ireland, 1953. Q. A. Ahmed.

Loramyces juncicola Weston
48,632 Eleocharis sp., G. B. C. T. Ingold—CMI, 1952.

Macrophomina phaseoli (Maubl.) Ashby
52,047 Tobacco leaves, Tanganyika. G. B. Wallace(65/52).
57,864 Cotton seedling, Sudan, 1954. S. A. J. Tarr(J. T. 2210).
57,865 Cotton seedling, Sudan, 1954. S. A. J. Tarr(J. T. 2211).
59,801 Carica papaya, Mt. Makulu Res. Sta., Northern Rhodesia, 1954. F. C. Peacock(GCMM. 562).
67,920 Melon, Esfahan, Esfahanak, Iran, 1955. S. Scharif.

Margarinomyces bubaki Laxa
24,000 (T) Margarine, Prague. Laxa—A. C. Thaysen—NCTC(3273), 1930.

Masoniella chartarum G. Smith
49,909 (T) Wall-paper, London, 1950. K. Maunsell—G. Smith.

Masoniella grisea G. Smith
49,908 (T) Contaminant of culture, London, 1946. G. Smith.

Mauginiella scaettae Cavara
34,813 Date palm spathe, Satt-el-Arab, Irak, 1949. R. P. Southby.

Melanopsamma pomiformis (Pers. ex Fr.) Sacc.
56,393 Elm wood exposed by damage to bark, Fountains Abbey Woods, Yorks., 1954. C. Booth. Single ascospore isolation.

Melanospora destruens Shear
— see Sordaria destruens.

Melanospora zamiae Corda
59,592 Horse-bean pods, Egypt, 1953. M. A. Ragab(3).
62,569(a) Sugar-cane, India, 1956. M. N. Kamat.

Memnoniella echinata (Riv.) Galloway
15,377 Decayed water-bag, S. Africa, 1947. A. L. James—CMI, 1946. Strain used in S. Africa for research on cellulose decomposition.
16,201 Cotton fabric, Calcutta, India, 1943. S. W. Basu(73).
17,854 Tent canvas, Auckland, New Zealand, R. M. Brien(N. Z. 17)—CMI, 1944.
24,003 Canvas, Australia, 1944—NCTC(6856).
24,287 Australia(No. 2)—A. E. Muskett—CMI, 1948. Strain used in Australia for tests of cellulose decomposition.
45,547 Tent canvas, Bougainville, Solomon Is. M. H. Downing(QM. 1. c)—CMI, 1951. Very actively cellulolytic.
48,570 Tetragonia expansa, Southern Rhodesia, 1951. W. E. Kerr(M. 38).
61,273 Canvas, New Guinea, 1944. G. C. Wade—WADC(37)—QM(1225). (= NRRL. 2373). (U. S. A. Specification MIL-E-5272A.) Test strain for mould-proofing.

Meria laricis Vuill.
61,035 Larix leptolepis, Newcastleton Forest, Roxburghshire, 1955. S. Batko.

Mesobotrys simplex Gilman & Abbott
45,002 (T) Soil, Louisiana, U.S.A. Abbott—CBS—CMI, 1951.

Metarrhizium anisopliae (Metsch.) Sorok.
47,038 Tomaspis saccharina, Venezuela, 1951. R.E.Pontis. Short-spored form.
57,692 Lepidopterous larva, Njala, Sierra Leone, 1954. F.C.Deighton(M.6134).
63,336 Diatrae sp., Venezuela. P.Guagliumi—W.J.Hall, 1956.

Metarrhizium brunneum Petch
14,746 (A) Wireworms, Forest Grove, Oregon, U.S.A. L.P.Rockwood—K.B.Raper—W.L.White(QM.191)—CMI, 1947.

Metarrhizium glutinosum Pope
— see Myrothecium verrucaria.

Microascus intermedius Emmons & Dodge
50,108 CBS—C.G.C.Chesters—CMI, 1952.

Microascus longirostris Zukal
36,478 Curzi—CBS—CMI, 1949.

Microascus trigonosporus Emmons & Dodge
50,107 CBS—C.G.C.Chesters—CMI, 1952.

Monascus purpureus Wint.
62,570 Wheat seed, England, 1956. P.Karijansoon.

Monascus ruber van Tiegh.
57,972 CBS—CMI, 1954.

Monochaetia saccardoi (Speg.) Sacc.
56,698 Oak, Bardney Forest, Lincs., 1954. S.Batko.

Monochaetia unicornis (Cooke & Ellis) Sacc.
52,255 Cupressus forbesii, Elburgen, Kenya, 1949. D.Rudd Jones(PRL. 1260; RM.23). Strain B.

Monocillium indicum Saksena
62,202 (A) Soil, India, 1956. S.B.Saksena(GC.968).

Mortierella alpina Peyronel
38,598 CBS—CMI, 1949.

Mortierella hygrophila Linnem.
45,945 Soil, Ampthill Forest Nursery, Beds., 1950. J.E.Brind(A.III.C.1).

Mortierella hygrophila var. minuta Linnem.
46,343 Soil, Ampthill Forest Nursery, Beds,, 1950. J.E.Brind(6.ASF.1).

Mortierella stylospora Dixon-Stewart
38,599 McLennan—CBS—CMI, 1949. (Spores somewhat smaller than type).

Mucor abundans Povah
42,745(a) Marzipan, G.B. 1950. S.J.Duly.

Mucor bacilliformis Hesseltine
55,297 (T) Soil, Hayward, Wisconsin, U.S.A., 1940. C.W.Hesseltine—NRRL(2346).

Mucor circinelloides van Tiegh.
31,800 (?) Salpiglossis roots, Southern Rhodesia. G.R.Bates(7316B)—CMI, 1948.
55,452 Vicia faba epicotyl, Karavas, Kyrenia, Cyprus, 1954. R.A.Altson.

Mucor fragilis Bain.
41,071 Contaminant of culture, CMI, Kew, 1950. H.A.Dade.
54,600 ?Soil, Nigeria, 1953. R.M.Jackson(N/7).

Mucor globosus Fischer
31,799 (?) Salpiglossis roots, Southern Rhodesia. G.R.Bates(7316A)—CMI, 1948.
35,565 Wood blocks in cellar, Perranzabuloe, Cornwall, 1949. F.Rilston.

Mucor hiemalis Wehm.
17,363 New Zealand butter, Cambridge. F.T.Brooks—NCTC(1125), 1921.
21,216 R.T.Tabor—NCTC(5066), 1937. (+) m.21217.
21,217 R.T.Tabor—NCTC(5067), 1937. (-) m.21216.
57,406 Straw litter, Aberystwyth, 1952. P.K.C.Austwick(V.120).
62,474 Bonea macrophylla, Kundang, Malaya, 1956. A.Johnston(C(NS)100).
63,750 Wheat bulb flies (Leptohylemyia coarctata), Rothamsted, Herts., 1956. E.W.Buxton.

Mucor javanicus Wehm.
25,330 Central lab., Manchurian Railway—NCTC(1901), 1924.

Mucor microsporus Namysl.
53,584 D.H.Linder—A.F.Blakeslee (Strain C.75)—ATCC(8541)—CMI, 1953.

Mucor mucedo Auct.
26,441 C.G.Dobbs—CMI, 1948.
29,662 Burgeff—CBS—CMI, 1948.
63,533 Cherry, Richmond, 1956. J.Hawkins.

Mucor plumbeus Bon.
(Syn. M.spinosus van Tiegh.)
14,781 Paper mill slime, Lancaster. E.M.Wakefield—CMI, 1947.
17,312 Contaminant of culture, Cambridge, 1918. F.T.Brooks—NCTC(1123) 1921.
38,798 Kenya, 1949. R.M.Nattrass(1298).

Mucor prainii Chodat & Nech.
39,478 Lettuce roots, Italy, 1950. A.Ciccarone.

Mucor pusillus Lindt
57,407 Mouldy hay, Ayr, 1953. P.K.C.Austwick(V.418/3).

Mucor racemosus Fresen.
17,313 Meat in cold storage, Cambridge, 1919. F.T.Brooks—NCTC(1122), 1921.
17,364 Gwynne-Vaughan— NCTC(1211), 1922.
37,018 Human ear, England, C.G.Dobbs(MR.6)—CMI, 1949.
37,019 Forest soil, England. C.G.Dobbs(MR.8)—CMI, 1949.
35,716 Table mustard, England, 1949.
52,259 Man (cadaver), England, 1953. A.C.Hunt.
57,408 Lung of turkey poult, Oxford, 1952. P.K.C.Austwick(V.90/1).

Mucor ramannianus Möller
29, 661 Dale—CBS—CMI, 1948.
35, 044(a) Casing soil, mushroom bed, Cheshunt, 1949. P. H. Williams—E. M. Wakefield.

Mucor saturninus Hagem
50, 683 Apple, Kew, Surrey, 1952. J. Hawkins.

Mucor spinosus van Tiegh.
— see M. plumbeus Bon.

Mucor subtilissimus Oudem.
45, 618 Faeces of diseased honey bee, Isleworth, Middlesex, 1951. H. A. Dade.

Mucor varians Povah
21, 997 Contaminant of culture, Kew, 1948.
36, 525 Rice, Malaya. A. Johnston(C. 355)—CMI, 1949.

Mycogone perniciosa Magn.
46, 869 Mushroom, Britain, 1950. P. H. Williams.

Mycosphaerella musicola Leach
60, 431 Banana, Kumasi, Gold Coast, 1955. L. Piening.

Mycotypha microspora Fenner
31, 239 Rag-paper document, London, 1948. F. D. Armitage.

Myrothecium jollymanii Preston
1, 495 (T) Dried tobacco leaves, Nyasaland, 1936. R. W. Jollyman(145)—CMI—N. C. Preston(145A).
61, 176 Elaeis guineensis leaves (seedling), Nigeria, 1955. J. S. Robertson (L. 5. 55).

Myrothecium roridum Tode ex Fr.
33, 307 Tomato, Nanking, China, 1946. P. C. Cheo—C. T. Wei.
41, 736 Soil, Ontario, Canada, 1948. R. G. Atkinson(24).
52, 041 Solanum muricatum, Tanganyika, 1953. G. B. Wallace(137/52).
60, 912 Ammophila arenaria roots, England, 1955. J. C. Brown(B. 30).
61, 511(b) Arachis hypogea, Kumasi, Gold Coast, 1955. L. Piening(12).
61, 681 Leaves of Hibiscus rosa-sinensis, Cuttack, Orissa, India, 1955. U. N. Mohanty(2).
62, 948 Lettuce, Malaya, 1956. A. Johnston(C(NS)45).

Myrothecium striatisporum Preston
1, 526 (T) Soil, New Zealand. J. C. Neill(582)—CMI—Preston(II)—CMI, 1947.
45, 148 (A) Glyceria aquatica, Oxfordshire, 1949. N. C. Preston(36).

Myrothecium verrucaria Ditmar ex Fr. (non Peziza verrucaria Alb. & Schw.)
1, 522 Citrus fruits, Southern Rhodesia, G. R. Bates—CMI—N. C. Preston—NCTC(7115), 1946.
25, 291 Canvas shoe, England. G. Smith(T. 28)—CMI, 1948.
33, 551 Soy bean. Kiangsu, China, 1947. S. T. Liu—C. T. Wei.
41, 737 Soil, Ontario, Canada, 1948. R. G. Atkinson(25).
44, 743 Chrysanthemum root, Staffordshire. N. C. Preston(60).
45, 541 Cotton bale, Washington, D. C., U. S. A. M. H. Downing(QM. 460)—CMI, 1951.

Myxosporium abietinum Rostrup
58,046 Pseudotsuga douglasii, Penshurst Estate, Kent, 1954. S. Batko.

Myxotrichum aeruginosum Mont.
61,192 Sand dunes, England, 1955. J. C. Brown(S. 759).

Nectria aurantiaca (Tul.) Jacz.
62,101(a) Ulmus, Warickshire, 1955. E. A. Ellis.

Nectria bactridioides Berk. & Br.
62,240(a) Cacao, Serdang, Malaya, 1955. A. Johnston(1473).
63,286 Cacao, Perak, Malaya, 1956. A. Johnston(1601).

Nectria cucurbitula (Tode) Fr.
39,700 Wollenweber (I)—CBS—CMI, 1950.

Nectria galligena Bres.
12,280 Fraxinus excelsior twigs, Wheatfen Broad, Norfolk, 1947. M. B. Ellis.

Nectria haematococca Berk. & Br.
58,039 Cacao pod, Panguwama, Sierra Leone, 1954. F. C. Deighton(M. 6224).
61,738(a) Dead branch of cacao, Kailahun, Luawa, Sierra Leone, 1955. C. T. Pyne(M. 6439).

Nectria inventa Pethyb.
17,438(a) Polygonum sieboldii stems, Boxhill, Surrey, 1947. S. J. Hughes & M. B. Ellis.
51,924 Fodder beet, Lincolnshire, 1953. C. E. Cornford.
52,641 Soil, Chobham Common, Surrey, 1953. P. Bull—M. P. Topping(327).
54,377 Polyporus squamosus, Oakwell, Leeds, 1953. C. A. La Touche.
61,335 Urtica stems, Goblin Coombe, Cleeve, Somerset, 1955. A. H. S. Brown.

Nectria mammoidea Phil. & Plowr.
62,739 Acer, Bolton Abbey, Yorks., 1956. W. G. Bramley(C/56/11).

Nectria ochroleuca (Schw.) Berk.
50,509 Tea, Kenya, 1952. N. A. Goodchild(M. 26).
53,164 Lupinus arboreus, New Zealand, 1953. J. M. Dingley(12165).
53,309(a) Chlorophora nigra, Sierra Leone, 1953. F. C. Deighton.
53,311 Albizzia adianthifolia, Sierra Leone, 1953. F. C. Deighton(M. 5420).

Nectria penicillioides Ranzoni
63,371(i) (T) Decaying submerged leaves of Acer sp., California, U. S. A., 1956. F. V. Ranzoni.
63,371(ii) As above.

Nectria peziza (Tode ex Fr.) Fr.
53,559 Polyporus squamosus, Mulgrave Woods, Yorks., 1953. C. Booth.

Nectria pityrodes Mont. var. saccharina Berk. & Br.
62,005 Dead wood, Serdang, Malaya, 1955. A. Johnston(1460).

Nectria sinopica Fr.
53,560 Hedera helix, Mulgrave Woods, Yorks., 1953. C. Booth.

Nectriopsis aureo-nitens (Tul.) Maire
1,346 Stereum sp., Thornton-le-Dale, Yorkshire, 1945. E.W. Mason.
61,425 Bark of pine, Forest of Dean, 1955. A.H.S. Brown.

Nematospora gossypii Ashby & Nowell
(Syn. Ashbya gossypii (Ashby & Nowell) Guill.)
31,268 W.J. Robbins, N.Y. Bot. Garden, U.S.A. (A.-1)—CMI, 1948.
31,279 CBS—CMI, 1948.
37,638 Cotton boll, Barberton, S. Africa. G.M. Wickens—CMI, 1949.

Neocosmospora vasinfecta E.F. Smith
49,786 Soil, Dacca, Pakistan. Q.A. Ahmed(49)—CMI, 1952.
54,709 Soil, S. Australia, 1953. C.G. Hansford(Univ. Adelaide 11238/4).
58,494 Coconut, Keta, Gold Coast, 1954. E.B. Martyn(130)—M.F. Madelin.

Neurospora crassa Shear & Dodge
17,836 G.W. Beadle(37401a)—ATCC(9683)—NCTC(7045), 1945. X-ray mutant; assay of inositol.
19,419 G.W. Beadle(34486)—N.H. Horowitz, California—CMI, 1947. (= ATCC. 9277). X-ray mutant; assay of choline.
19,420 G.W. Beadle(33757)—N.H. Horowitz, California—CMI, 1947. (= ATCC. 9344). X-ray mutant; assay of leucine.
24,298 G.W. Beadle(9185)—ATCC(10333)—CMI, 1948. X-ray mutant; assay of aneurin.
31,288 G.W. Beadle(1633)—ATCC(9278)—CMI, 1948. X-ray mutant; assay of p-aminobenzoic acid.
44,244 G.W. Beadle(51505-3003-8A)—ATCC(10334), 1948. X-ray mutant; assay of proline.
53,238 G.W. Beadle(Abb. 4)—ATCC(10336)—CMI, 1953. Wild type 'A'. m. 53239.
53,239 G.W. Beadle(Abb. 12)—ATCC(10337)—CMI, 1953. Wild type 'a'. m. 53238
53,240 G.W. Beadle (Stanford Univ. strain 1)—ATCC(9279)—CMI, 1953. Wild type 'A'.

Neurospora sitophila Shear & Dodge
21,944 G.W. Beadle(299)—E. Barton Wright—NTCC(6813), 1944. X-ray mutant; assay of pyridoxin (= ATCC. 9276).
60,354 Arlington, Va., U.S.A. B.O. Dodge(Arl. 6(A) × Arl. 10 (a))—R.W.G. Dennis, 1955.
61,372 Burnt wood & ground, Bolivia, 1955. Noel Kempff.
63,919 J.T. Duncan, 1936—G. Smith(BB. 144). (+) m. 63920.
63,920 J.T. Duncan, 1936—G. Smith(BB. 144). (-) m. 63919.

Neurospora tetrasperma Shear & Dodge
34,454 D.G. Catcheside, Cambridge—CMI, 1949.

Nigrospora oryzae (Berk. & Br.) Petch
62,689 Maize, Nyasaland, 1956. D.C.M. Corbett(1283).

Nigrospora sphaerica (Sacc.) Mason
46,685 Dactylis glomerata, Annerley Park, Notts., 1951. J. Webster.

Nodulisporium africanum G. Smith
62,333 Belgian Congo, 1955. J. Meyer(2136).

Oedocephalum glomerulosum Sacc.
60,070 Contaminant of culture, Sheffield, 1955. J. Webster(1643b).

Oidiodendron griseum Robak
45,947 Soil, Ampthill Forest Nursery, Beds., 1951. J. E. Brind(7. H. II).
50,664 Soil, England, 1952. P. W. Brian(BRL. 783).

Oidiodendron nigrum Robak
— see Trichosporium cerealis.

Oospora citri-aurantii (Ferraris) Sacc. & Syd.
— see Geotrichum candidum var. citri-aurantii.

Oospora crustacea (Bull.) Sacc.
— see Sporendonema casei.

Oospora fragrans Berkh. var. minuta Berkh.
17,470 Bainier Coll'n—M. B. Church, Washington(4719. 2)—NCTC(1742), 1924.

Oospora humi (Mazé) Berkh.
17,469 Bainier Coll'n—M. B. Church, Washington(1419. 10)—NCTC(1743), 1924.

Oospora lactis (Fresen.) Sacc.
23,312 Lactose, London, 1932. G. Smith(BB. 130)—CMI, 1948.
39,573 Apple, Northern Ireland, 1950. C. H. Leach—A. E. Muskett.
42,074 "Radiomalt", G. B., 1950. M. P. English.
45,619 Faeces of diseased honey bee, Strawberry Hill, Middlesex, 1951. H. A. Dade.
50,119 Baker's yeast, Epsom, Surrey, 1952. P. A. Dixon.

Ophionectria cylindrospora (Sollon.) Berl. & Vogl.
63,519 Creosoted Scots Pine stump, Cambridge, 1956. J. Rishbeth(BS-5).

Ophiostoma piceae (Münch) H. & P. Syd.
— see Ceratocystis piceae.

Paecilomyces elegans (Corda) Mason & Hughes
(Syn. Spicaria elegans Corda)
22,573(a) Betula periderm, Richmond Park, Surrey, 1948. S. J. Hughes.
27,616(a) Conifer wood, Roche Abbey, Yorks., 1948. S. J. Hughes.
58,420 Soil, Great Britain. J. H. Warcup(K2/1)—G. Smith—A. H. S. Brown(Pa. 23), 1950.
58,430 Bark of Pinus silvestris, Black Wood of Rannoch, Scotland, 1953. A. H. S. Brown(Pa. 34).
58,431 CBS(I)—A. H. S. Brown(Pa. 36), 1951, (as Spicaria elegans (Corda) Harz).
58,432 Hamburg, CBS(II)—A. H. S. Brown(Pa. 37), 1951, (as Spicaria elegans (Corda) Harz).
59,139 Larix log, Mortimer Forest, Berks., 1954. S. Batko.
59,140(a) Larix log, Mortimer Forest, Berks., 1954. S. Batko.
59,836 Chalk soil, England, 1955. V. Sankey.
59,837 Chalk soil, England, 1955. V. Sankey.
62,476 Pineapple leaf, Malaya, 1956. A. Johnston(C/NS/104).
63,896 Soil, Belgian Congo, 1956. M. Maire(41451).

Paecilomyces fusisporus Saksena
57,442 (T) Soil, Patharia forest, nr. Sagar, India, 1952. S. B. Saksena—ITCC.

Paecilomyces hibernicus Kennelly & Grimes
58,413 (A) Butter, Cork, Ireland, Inst. Dairy Sci., Cork—CBS—A. H. S. Brown(Pa. 6), 1950.

Paecilomyces mandshuricus (Saito) Thom var. saturatus Nak., Tak., & Suem.
58,411 (A) Nakazawa—CBS—A. H. S. Brown(Pa. 4), 1950.

Paecilomyces marquandii (Massee) Hughes
(Syn. Verticillium marquandii Massee)
33,204 Hygrophorus virgineus, Copmanthorpe, Yorks., 1948. K. G. Payne—W. G. Bramley.
58,425 Soil, Lakenheath Warren, Suffolk, 1949. J. H. Warcup(B. 28)—A. H. S. Brown(Pa. 28).
58,443 Soil, Ghent. Prof. van Holder(W7)—CBS—A. H. S. Brown (Pa. 48). 1951.
58,446 Soil. S. Marcus(569)—A. H. S. Brown(Pa. 55), 1952.
58,450 Gills of Hygrophorus virgineus, Sevenoaks, Kent, 1953. C. T. Ingold—G. Smith—A. H. S. Brown(Pa. 61).

Paecilomyces puntonii (Vuill.) Nannizzi
58,409 R. Ciferri—CBS—A. H. S. Brown(Pa. 2), 1950.
58,414 ACTC(1138)—H. Raistrick(Ad. 105), 1925—A. H. S. Brown(Pa. 10).
58,415 B. C. I. R. —G. Smith(BB. 123), 1930—A. H. S. Brown(Pa. 15).

Paecilomyces varioti Bain.
16,196 Jute fibre, India. S. W. Basu(18)—CMI, 1947.
17,457 G. Smith. Isolation used for testing mould-proofing.
31,388 Encephalartos lehmannii, Southern Rhodesia. G. R. Bates(7135A)—CMI, 1948.
40,025 Library paste, Storrs, Conn., U. S. A., 1904. C. Thom(34) as Penicillium divaricatum Thom (T)—NRRL(1115)—G. Smith.
57,409 Aborted calf foetus, Devon, 1952. P. K. C. Austwick(V. 35/2).
58,451 Dust shaken from hay, Great Britain, 1953. C. T. Ingold—G. Smith (Pa. 62).
58,453 CBS—A. H. S. Brown(Pa. 7), 1950.

Paecilomyces victoriae von Szilvinyi
58,412 (A) A. von Szilvinyi—CBS—A. H. S. Brown(Pa. 5), 1950.

Papularia arundinis (Corda) Fr.
57,410 Skin of cat, Torquay, 1953. P. K. C. Austwick(V. 341).

Papularia sphaerosperma (Pers. ex Fr.) v. Höhn.
60,232 Soil round Dalbergia sissoo roots, India, 1955. B. K. Bakshi(43).
63,305 Phragmites, Suffolk, 1956. A. H. S. Brown.
63,333 Dust, London, 1956. R. R. Davies.

Parasitella simplex Bain.
41,057 Blakeslee—CBS—CMI, 1950. (+) m. 41058.
41,058 Blakeslee—CBS—CMI, 1950. (-) m. 41057.

Pellicularia filamentosa (Pat.) Rogers f. sasakii (Shirai) Exner
61,795 Louisiana, U. S. A. B. Exner—CMI, 1956.

Pellicularia filamentosa (Pat.) Rogers f. solani (Kuhn) Exner
61,793 Louisiana, U.S.A. B. Exner—CMI, 1956.

Pellicularia filamentosa (Pat.) Rogers f. timsii Exner
61,796 (T) Fig leaves, Louisiana, U.S.A. B. Exner—CMI, 1956.

Penicilliopsis clavariaeformis Solms-Laubach
60,372 Fallen fruits of Diospyros macrophylla, Buitenzorg, Java. G. Smith (BB. 223)—CMI, 1955.

Penicillium aculeatum Raper & Fenn.
40,588 (A) Textiles, Florida, U.S.A. W. H. Weston—NRRL(2129)—G. Smith, 1949.

Penicillium adametzi Zal.
39,751 (T) Soil, under conifers, nr. Poznan, Poland. Zaleski—CBS—C. Thom (5010), 1928—NRRL(737)—G. Smith, 1949.
51,447(a) Soil, Durham, 1952. J. A. Richardson(10. R).

Penicillium albicans Bain.
63,215 Canada, 1956. S. J. Hughes—G. Smith.

Penicillium albidum Sopp
40,219 Janke—CBS—NRRL(2043)—G. Smith, 1949.

*Penicillium asperum Raper & Thom
(Syn. Carpenteles asperum Shear)
39,739 (T) Soil, Tela, Honduras. O. A. Reinking—C. L. Shear—NRRL(715), 1931—G. Smith.

Penicillium atramentosum Thom
39,752 (T) Cheese, Storrs, Conn., 1945. C. Thom(38)—Biourge(116)—Thom (4733. 3); NRRL(795)—G. Smith.

Penicillium atrovenetum G. Smith
61,837 (T) Soil, Sussex downs, 1952. G. Smith(SM. 683).
61,836 (A) Sand dunes, Perranporth, Cornwall, 1952. G. Smith(SM. 715).
61,835 (A) Soil, Norfolk, 1943. G. Smith(M. 467).

Penicillium aurantiocandidum Dierckx ex. Biourge
39,814 (?T) Biourge(11)—C. Thom(4733/6); NRRL(884)—G. Smith, 1949.

Penicillium aurantioviolaceum Biourge
39,740 Beech forest, Germany. Stapp & Bortels, as P. roseo-viridum (T)—C. Thom, 1935; NRRL(760)—G. Smith.

Penicillium aurantiovirens Biourge
34,846(i) (T) Biourge—LSH(P. 152)—CMI, 1949.
34,846(ii) (T) Biourge—LSH(P. 152)—NRRL(2138)—G. Smith—CMI, 1950.

Penicillium avellaneum Thom & Tur.
40,230 (A) Soil, San Antonio, Tex., U.S.A., 1943. K. B. Raper & C. Thom—NRRL(1938)—G. Smith.
54,225 Soil, Ibadan, Nigeria, 1953. R. M. Jackson.

Penicillium baarnense van Beyma
40,590 (T) Soil, Baarn, Holland. Van Beyma—CBS—NRRL(2086)—G. Smith—CMI, 1950.

45,477 Soil, Cambridge, 1950. J.H.Warcup(E.115).

Penicillium bacillosporum Swift
40,045 (T) Begonia leaf, New York City, M.E.Swift—NRRL(1025)—G.Smith, 1949.

Penicillium biforme Thom
39,820 (T) Cheese, U.S.A., 1904. C.Thom(38); NRRL(895)—G.Smith.

Penicillium brefeldianum Dodge
40,592 Canada. W.I.Illman—NRRL(2083)—G.Smith, 1949.
55,205 Soil, Nairobi, Kenya, 1954. I.A.S.Gibson.
59,602 Sandy soil, Egypt, 1954. M.A.Ragab.
62,409 Piper nigrum (moribund seedling), Kuching, Sarawak, 1955. P.Holliday.

Penicillium brevicompactum Dierckx
17,456 G.Smith—CMI, 1947. Isolation used for testing mould-proofing.
40,225 Biourge—CBS—NRRL(2011)—G.Smith, 1949.
51,447(b) Soil, Durham, 1952. J.A.Richardson(10.R).

Penicillium camemberti Thom
27,831 (T) French Camembert cheese, Storrs, Conn., U.S.A., 1904. C.Thom.

Penicillium canadense G.Smith
61,834 (T) Soil under Pseudotsuga taxifolia, Vancouver. G.Smith(BB.300)—CMI, 1956.

Penicillium canescens Sopp
28,260 Soil, England. E.Dale—C.Thom(2654), 1910—NRRL(910)—G.Smith. (= NCTC.6607).
29,096 Soil, Lakenheath Warren, Suffolk, 1947. J.H.Warcup(B.108).
29,191 CBS—G.Smith—CMI, 1948.

Penicillium capsulatum Raper & Fenn.
40,576 (T) Optical instrument, Panama Canal Zone. W.G.Hutchinson—W.H. Weston—NRRL(2056), 1945—G.Smith.

Penicillium carneolutescens G.Smith
40,218 (T) Hops, England, 1939. G.Smith—CBS—NRRL(2035)—G.Smith.
55,516 (A) G.Smith(BB.146)—CMI, 1954.

Penicillium casei Staub
39,766 Swiss cheese, U.S.A. C.Thom(5056); NRRL(844)—G.Smith, 1949.

Penicillium caseicola Bain.
27,833 Cheese, Switzerland. A.C.Thaysen—NCTC(602), 1920 (= Raistrick Ac.25).
28,810 (?T) Bainier Coll'n—C.Thom(4640.440)—NRRL(875)—G.Smith, 1949. (= NCTC.1717).
63,365 Brie cheese, Richmond, Surrey, 1956. J.Hawkins.

Penicillium charlesii G.Smith
40,232 (T) G.Smith—NRRL(1887), 1942.—G.Smith.

Penicillium chermesinum Biourge
40,577 NRRL(2049)—G.Smith, 1949.

Penicillium chrysogenum Thom
24,314 (T) C. Thom(26); NRRL(807)—G. Smith, 1949.
26,210 K. B. Raper(NRRL. 1951. B. 25)—NCTC(7088), 1948. (= ATCC. 10,238). Penicillin production, submerged culture, 200/250 u/ml. Derived from NRRL. 1951 (IMI. 40,233).
26,211 K. B. Raper(NRRL. 2000, Demerec X-1612)—NCTC(7089), 1945. X-ray mutant from NRRL. 1951. B. 25 (IMI. 26210). (= ATCC. 10,003). Penicillin production, submerged culture, 400-500 u/ml.
37,767 Johnson et al. (Wisconsin Q. 176)—G. Smith—CMI, 1949. (= ATCC. 10,002). UV mutant from X. 1612 (IMI. 26211). Penicillin production, submerged culture, 900-1000 u/ml.
40,233 Canteloupe, Peoria Ill., U. S. A., 1943. NRRL(1951)—G. Smith.
62,728 Glaxo Labs., 1956. C. J. Bessell(P. M. D.).

Penicillium citreoviride Biourge
40,575 Military equipment. NRRL(2046)—G. Smith.

Penicillium citrinum Thom
16,199 Jute fibre, India. S. W. Basu(37)—CMI, 1948.
24,306 F. T. Brooks, Cambridge—Raistrick(Ad. 23)—NCTC(3951), 1931.
24,307 Cotton fabric, Shirley Inst., 1928. L. D. Galloway—Raistrick(Ad. 114) —NCTC(3952), 1931. Citrinin production.
39,756 Cairo, Egypt. G. Sabut—NRRL(806), 1932—G. Smith.
44,337 G. Smith(Ac. 27). Production of citrinin.
49,122 Contaminant of culture, Njala, Sierra Leone, 1951. F. C. Deighton (M. 4663).
61,272 NBS(11)—ATCC(9849)—QM(1226)—CMI, 1955. (= NRRL. 756). (U. S. A. Specification MIL-E-5272A.) Test strain for mould-proofing.

Penicillium claviforme Bain.
40,237 CBS—NRRL(2031)—G. Smith, 1949.
44,744 Contaminant of culture, Nottingham, 1950. B. Webster.
50,744 Contaminant of culture, Kew, Surrey, 1952. J. Hawkins.

Penicillium clavigerum Demel.
39,807 Canada, 1934. G. R. Bisby—NRRL(1003)—G. Smith.

Penicillium commune Thom
39,812(i) (T) Cheese, Storrs, Conn., U. S. A., 1904. C. Thom(23); NRRL(890) —G. Smith.
39,812(ii) (T) Cheese, Storrs, Conn., U. S. A., 1904. C. Thom—NRRL(890)—QM(1269). (= ATCC. 10428). U. S. Bureau of Ships Gen. Specification, App. ix., as "P. fusco-glaucum".) Test strain for mould-proofing.

Penicillium corylophilum Dierckx
39,754 (?T) Dierckx—Biourge(78)—C. Thom(4733. 42), 1924; NRRL(802)—G. Smith.
56,398 Coffee, London, 1945. G. Smith(P. 218).
62,729 Glaxo Labs., 1956. C. J. Bessell(M. L. 10/59).

Penicillium corymbiferum Westl.
40,213 Green fly, Baarn, Holland, 1941. CBS—NRRL(2031)—G. Smith.
62,878 Tulip bulb, Walton-on-Thames, Surrey, 1956. J. C. F. Hopkins.

Penicillium crustosum Thom
39,811 Wuchang, China. Y. K. Shih—C. Thom(5461. 448), 1934; NRRL(968) —G. Smith.

56,970 Urine of cow, Cambridge, 1953. P.K.C.Austwick(V.479/1).

Penicillium cyaneofulvum Biourge
39,764 (T) Biourge—C. Thom(4733.47), 1924—NRRL(837)—G. Smith.

Penicillium cyaneum (Bain. & Sart.) Biourge
39,744 (?T) Bainier Coll'n. (As Citromyces cesiae Bain. & Sart.)—Thom(4640.422); NRRL(775)—G. Smith, 1949.

Penicillium cyclopium Westl.
19,759 Hyacinth bulbs, England, 1947. A.S.Boughey—CMI, 1947.
24,318 Ventriculus of honey-bee, 1948. H.A.Dade.
39,803 Biourge—C. Thom(4733.48)—NRRL(942)—G. Smith, 1949.
40,236 H.W. Florey(M-22)—NRRL(1899)—G. Smith, 1949. Produces penicillic acid.
51,355 Bentonite, G.B. M.E.Adams(DSIR), (62).

Penicillium cyclopium Westl. var. echinatum Raper & Thom
40,028 Contaminant in culture, Ottawa, Canada. G.A.Ledingham—K.B. Raper(NRRL.1151), 1940—G. Smith.

Pencillium daleae Zal.
34,910 (T) Zaleski—CBS—NRRL(2025)—G. Smith, 1949. (= ATCC.10435).

Penicillium decumbens Thom
39,755 Knoxville, Tenn., U.S.A. C.D.Sherbakoff—NRRL(742), 1933—G.Smith,1949.
50,575 Raspberries, Scotland, 1952. C.E.Foister (isolate 4).

Penicillium digitatum Sacc.
37,880 Orange fruit, Harrow, Middlesex, 1949. J.Hawkins.
39,748 Citrus, Storrs, Conn., U.S.A., 1904. C.Thom(176);NRRL(786)—G. Smith.
62,255(a) Orange, Cyprus, 1956. G.P.Georghiou.

Penicillium divaricatumThom
— see IMI. 40025 Paecilomyces varioti.

Penicillium diversum Raper & Fenn.
40,579 (A) Leather, U.S.A. T.C.Gordon—NRRL(2121)—G. Smith.

Penicillium diversum Raper & Fenn. var. aureum Raper & Fenn.
40,031 (T) U.S.A. R.W.Davidson—K.B.Raper(NRRL.1074), 1934—G. Smith.

Penicillium duclauxii Delacr.
24,312 (A) Delacroix—Thom(20)—M.B.Church—NCTC(581), 1920. (= Raistrick Ad.63).
29,214 Soil, Lakenheath Warren, Suffolk, 1947. J.H.Warcup(B.43).
40,044 Biourge(351)—C. Thom(4733.53), 1924—NRRL(1030)—G. Smith, 1949.
40,210 Tentage, New Guinea. W. Lawrence White—NRRL(2020)—G. Smith, 1949.

Penicillium duponti Griffon & Maubl. emend. Emerson
48,593 (A) Retting guayule, Salinar, Cal., U.S.A., 1945. R.Emerson—NRRL (2155)—ATCC(10,518)—CMI, 1952.

Penicill' egyptiacum van Beyma
40,580 (T) van Beyma—CBS—NRRL(2090)—G. Smith.

Penicillium ehrlichii Kleb.
39,737 (T) Germany. F. Ehrlich—Klebahn—NRRL(708), 1931—G. Smith.
54,228 Soil, Ibadan, Nigeria, 1954. R. M. Jackson.
62,418 Root of Piper nigrum, Kuching, Sarawak, 1955. P. Holliday.

Penicillium expansum Link emend. Thom
28,619 New Zealand. J. C. Neill(837)—NCTC(5612), 1938.
32,185 Apple, Richmond, Surrey, 1948. H. A. Dade.
37,128 Contaminant of culture, CMI, Kew, Surrey, 1949. G. M. Waterhouse. Antagonistic to Phytophthora.
39,761 Apple, U.S.A., 1926. J. S. Cooley—C. Thom(4852); NRRL(976)—G. Smith.

Penicillium fellutanum Biourge
29,098 Soil, Lakenheath Warren, Suffolk, 1947. J. H. Warcup(B. 41. a).
39,734 U.S.A. O. W. Richards—NRRL(746), 1935—G. Smith.

Penicillium frequentans Westl.
28,043 A. Jorgensen's Lab., Copenhagen (As "Citromyces B. Wehmer")—A. C. Thayson—NCTC(606), 1920. (= Raistrick Ad. 6 & Ad. 67).
40,234 G. Smith(Ad. 6)—NRRL(1915)—G. Smith, 1949.
46,814 Soil, Britain, 1948. E. G. Jeffereys—P. W. Brian(532). Production of frequentin.
49,673 Starch paste adhesive, London, 1952. H. A. Dade.
57,198 Wood pulp, Gravesend, Kent, 1954. P. Russell.

Penicillium funiculosum Thom
22,813 Dosootie, Karachi, India, 1946. Sen Gupta (Kanpur 364).
28,044 (T) Pine timber, U.S.A. Hedgcock—M. B. Church, Washington(1)—NCTC(1151), 1921. (= Raistrick Ad. 41).
34,912 Air contaminant, Washington, D.C., U.S.A., 1940. NRRL(1032A)—G. Smith.(= ATCC. 10445).
40,235 Soil, U.S.A., 1941. C. W. Hesseltine—NRRL(1768)—G. Smith.
40,582 Guam. R. E. Shope—NRRL(2075), 1946—G. Smith. Variant isolation.
52,740 Soil, Northern Ireland, 1953. Q. A. Ahmed.
61,383 Paper pulp, Slough, Bucks., 1955. P. W. Heron(6b).
61,385 Paper pulp, Slough, Bucks., 1955. P. W. Heron(6c1).
62,949 Foot rot of pineapple, Malaya, 1956. A. Johnston(C(NS)55).
63,903 Soil, Mexico, 1956. J. Nicot(560316. 10).

"Penicillium fuscoglaucum"
— see 61,275 P. commune

Penicillium fuscum (Sopp) Raper & Thom
39,747 (A) Soil, Texas, U.S.A. M. B. Morrow—Raper & Thom(NRRL. 721), 1930—G. Smith.

Penicillium glabrum
— see 28,043 P. frequentans.

Penicillium gladioli McCull. & Thom non Machacek
34,911 Gladiolus corm, U.S.A. L. McCullock—Thom(4885), 1930; NRRL(939)—G. Smith.
38,567 Gladiolus corms, Cambridge. F. T. Brooks—Raistrick(Ad. 65)—NCTC (3994), 1931.

Penicillium godlewskii Zal.
40,591 (T) Soil under pines, Poland. Zaleski—CBS—NRRL(2111)—G. Smith.

Penicillium granulatum Bain.
40,220 Soil, Peoria, Ill., U.S.A., 1942. NRRL(2036)—G. Smith.
52,736 Soil, Northern Ireland, 1952. Q.A. Ahmed.
59,286 Seed Testing Laboratory, Forestry Commission, Surrey. S. Batko, 1955.

Penicillium helicum Raper & Fenn.
40,593 (T) Soil, Sweden. E. Velander—NRRL(2106)—G. Smith.
63,915 Soil, Clophill, Beds., 1949. J. H. Warcup—G. Smith(BB. 245).

Penicillium herquei Bain.
28,809(i) (T) Aguaria pyrifolia leaves, France. Herque—Bainier Coll'n—Da Fonseca—Thom(4640. 477)—NCTC(1721), 1932.
28,809(ii) As above, but via NRRL(1040)—G. Smith, 1949.

Penicillium humuli van Beyma
39,817 (T) Hops, Weihenstephan, Germany. H. Schnegg—van Beyma—CBS—NRRL(872), 1938—G. Smith.

Penicillium implicatum Biourge
40,578 NRRL(2054)—G. Smith, 1949.

Penicillium islandicum Sopp
40,042 F. M. Putterill, Cape Town, S. Africa—Thom(4658. 144. 2)—NRRL(1036)—G. Smith, 1949.
61,880 Stomach contents of aborted bovine foetus, Cirencester, Glos., 1955. P. K. C. Austwick(A. 133).

Penicillium italicum Wehm.
28,803 Orange, Mazoe, Southern Rhodesia. G. R. Bates—NCTC(3499), 1932.
39,760 Citrus, California, U.S.A. H.S Fawcett—NRRL(983), 1930—G. Smith.
62,255(b) Orange, Cyprus. G. P. Georghiou—CMI, 1956.

Penicillium janczewskii Zal.
— see P. nigricans.

Penicillium janthinellum Biourge
40,238 Soil, Nicaragua, 1945. NRRL(2016)—G. Smith.
56,453 Animal storage tank containing formalin, Stockport, 1954. P. J. Gulliver—R. W. G. Dennis.
57,229 Soil, Northern Ireland, 1954. Q.A Ahmed(A. 10).

Penicillium javanicum van Beyma
39,733 (T) Tea roots, Java. van Beyma—NRRL(707)—G. Smith, 1949.

Penicillium jenseni Zal.
39,768 (T) Poland. Zaleski—CBS—Thom(5010. 10), 1928—NRRL(909)—G. Smith.

Penicillium kapuscinskii Zal.
40,567 (?T) Soil, Poland. Zaleski—CBS—NRRL(2147), 1946—G. Smith.

Penicillium lanosocoeruleum Thom
39,818 (T) Contaminant of culture. Thom(2543a)—NRRL(888)—G. Smith, 1949.

Penicillium lanosogriseum Thom
39,822 (T) Leaf mould, nr. Bussum, Holland, 1913. C. J. Koning—Thom (2746. 2); NRRL(894)—G. Smith.

Penicillium lanosoviride Thom
39,819 (T) Glycerine still, Ardeer, Scotland. J. H. Birkinshaw—Thom (5034. 12) 1939; NRRL(879)—G. Smith.

Penicillium lanosum Westl.
40,224 (T) Westling—CBS—NRRL(2009)—G. Smith, 1949.

Penicillium lapidosum Raper & Fenn.
39,743 (T) Canned blueberries, U. S. A., 1938. E. J. Cameron et al. — NRRL(718)—G. Smith.
47,704 J. H. Warcup—CMI, 1951.
59,911 Chalk soil, England, 1955. V. Sankey(XBg).
62,577 W. R. N. Williamson(K. D.)—CMI, 1956.

Penicillium lavendulum Raper & Fenn.
40,570 (T) Contaminant of culture, Peoria, Ill., U. S. A., 1947. NRRL(2146) —G. Smith.

Penicillium levitum Raper & Fenn.
39,735 (T) Modelling clay, U. S. A. B. O. Dodge—NRRL(705), 1936—G. Smith.

Penicillium lilacinum Thom
27,830 (T) Soil, U. S. A. Thom(8)—NRRL(895)—G. Smith, 1949. (= NCTC. 584, ATCC. 10144).
28,811 Bainier Coll'n. Thom—Raistrick(Ad. 32)—NCTC(1719a), 1931.
58,419 G. E. Turfit(T. 20), 1944—G. Smith(S21)—A. H. S. Brown(Pa. 20).
58,428 Johannesburg, S. Africa, 1947. A. L. James (Timber Res. Lab. 831)— G. Smith—A. H. S. Brown(Pa. 32).
58,442 Kominami—CBS—A. H. S. Brown(Pa. 47), 1951. (As Spicaria rubido-purpureum Aoki).
63,373 Cotton drill. D. Butterworth(7), 1956.

Penicillium lividum Westl.
39,736 (A) Scotland. E. Dale—Thom(2697), 1913—NRRL(754)—G. Smith, 1949.

Penicillium luteum Zukal
40,048 Soil, Winnipeg, Canada, 1933. G. R. Bisby—Thom(5357. 208)—NRRL, (1010), 1946—G. Smith.
40,773 Soil, Lakenheath Warren, Suffolk, 1946. J. H. Warcup(B. 65).
44,338 G. Smith(Ad. 30). Production of luteic acid.
62,678 Cambridge, E. Evans—Prakob Kanjanasoon—CMI, 1956.
— see also 61,270 P. vermiculatum.

Penicillium martensii Biourge
40,211 Baarn, Holland. CBS—NRRL(2027)—G. Smith, 1949.
44,917 Honey bee, Kirton, Boston, Lincs. B. A. Cooper.

Penicillium meleagrinum Biourge
39,762 Ayrshire, Scotland. J. H. Birkinshaw—Thom(5034. 53), 1929—NRRL (836)—G. Smith, 1949.

Penicillium melinii Thom
40,216 (?T) Soil, U. S. A. Melin—Thom—CBS—NRRL(2041)—G. Smith, 1949.

52,730 Soil, Northern Ireland, 1952. Q.A. Ahmed.
60,401 Scandinavian wood pulp, Gravesend, Kent, 1955. P.Russell(CRL. 865).
61,380 Paper pulp, Slough, Bucks., 1955. P.W. Heron(1b).

Penicillium miczynskii Zal.
40,030 (T) Earth under conifers, Poroniec, Tatry Mts., Poland. Zaleski—CBS—NRRL(1077), 1928—G. Smith.

Penicillium multicolor Grigor.-Man. & Por.
39,742 K. B. Raper(NRRL. 764)—G. Smith, 1949.
40,574 Textiles, Florida, U.S.A. W.H. Weston—NRRL(2058), 1946—G. Smith.
62,954 Eugenia aquea, Malaya, 1956. A. Johnston(C(NS)136).

Penicillium nalgiovense Laxa
39,804 (T) Ellischauer cheese, Nalzovy, Czechoslovakia. Laxa—Thom (5337.2), 1933; NRRL(911)—G. Smith, 1949.

Penicillium namyslowskii Zal.
40,033 (T) Earth under pines, Puszcza Bialowieska forest, Poland. Zaleski —CBS—Thom(5010.16), 1928—NRRL(1070)—G. Smith.

Penicillium nigricans Bain. ex Thom
29,100 Soil, Lakenheath Warren, Suffolk, 1947. J.H. Warcup(B.25)—CMI, 1948.
39,767 (T) Bainier Coll'n—Thom(4640.448), 1922—NRRL(915)—G. Smith.
52,726 Soil, Northern Ireland, 1952. Q.A. Ahmed.

Penicillium notatum Westl.
15,378 Contaminant of culture, London, 1928. Sir Alexander Fleming's historical isolation. Fleming—Thom(144.5112.1) as P. rubrum. NRRL(824) —G. Smith, 1949. (= ATCC. 9478). Gives a high yield of notatin.
17,968 K. B. Raper(NRRL. 832)—NCTC(7087), 1945. Penicillin production, submerged culture. (= ATCC. 9179, Thom 144. B. 69).
17,969 K. B. Raper(NRRL. 1249. B. 21)—NCTC(7086), 1945—CMI, 1947. Strain derived by monospore selection from Fleming's isolation (IMI. 15378). (= ATCC. 9178). Penicillin production, surface culture.
24,309 Orange, Persia, 1944. M. Zorriassatein (Z. 1. Teheran)—NCTC(7038), 1945.
24,310 Orange, Persia, 1944. M. Zorriassatein (Z. 6. Teheran)—NCTC(7039), 1945.
24,317 A. Fleming(85/4)—NCTC(6978), 1945.
38,632 Pontecorvo(W. 3. Cyst.)—D. J. D. Hockenhull—J. H. Birkenshaw—CMI, 1949.
39,759 (T) Hyssopus branches, Norway. Westling—C. Thom(2541)—NRRL (821)—G. Smith, 1949.
53,261 Broad bean seed, Cyprus, 1953. R. A. Altson(6/23/7).

Penicillium novae-zeelandiae van Beyma
38,496 Soil, Saddlescombe, Sussex, 1949. J.H. Warcup(SLI/3)—CMI, 1949.
40,584 (T) Fruit body of Sclerotinia sp., New Zealand. J.C. Neill—CBS (van Beyma 684)—NRRL(2128)—G. Smith.

Penicillium ochraceum Bain. ex Thom
39,823 Biourge—NRRL(871)—G. Smith, 1949.

Penicillium ochrochloron Biourge
39,806 Copper sulphate solution, Seattle, Wash., U.S.A. Hotson—NRRL(926)—G. Smith, 1949.

61,271 USDA(1336.2)—QM(477)—CMI, 1955. (= NRRL.744, ATCC.9112, 9824). (U.S.A.Specification MIL-E-5272.A as "P.sp"). Test strain for mould-proofing.

Penicillium olivinoviride Biourge
40,223 (A) Biourge—CBS—NRRL(2028)—G.Smith, 1949.

Penicillium oxalicum Currie & Thom
39,750 S.A.Hall—NRRL(790), 1934—G.Smith.

Penicillium palitans Westl.
40,215 (?T) Westling—CBS—NRRL(2033), 1946—G.Smith.

Penicillium pallidum G.Smith
40,214 (T) Yarn, England. G.Smith(76)—NCTC—NRRL(2037)—G.Smith, 1949. (= ATCC.10478).
51,240(b) (A) Persea gratissima, associated with Scolytid beetles, Seychelles, 1952. G.S.Brown.
54,224 Soil, Ibadan, Nigeria, 1954. R.M.Jackson.

Penicillium parvum Raper & Fenn.
40,587 (T) Soil, Nicaragua. NRRL(2095), 1945—G.Smith.

Penicillium patulum Bain.
(Syn. P.urticae Bain.)
28,808 Bainier Coll'n—Thom(4640.454)—NCTC(1722), 1932. (= NRRL.994, ATCC.9260).
34,908 G.Smith(P.189)—CMI, 1949. Patulin production.
34,909 Raistrick(Ad.77)—G.Smith—CMI, 1949. Patulin production.
39,809 Bainier—Thom(4640.455)—NRRL(989), as P.urticae Bain.(A)—G.Smith, 1949.
59,511 Christine J.Bessell(C613), 1955.

Penicillium paxilli Bain.
40,226 Optical instrument, Barro, Colorado I., Panama. W.G.Hutchinson—W.H.Weston—NRRL(2008)—G.Smith, 1949.

Penicillium phoeniceum van Beyma
40,585 (T) van Beyma—CBS—NRRL(2070), 1946—G.Smith.

Penicillium piceum Raper & Fenn.
40,038 (T) K.B.Raper(NRRL.1051)—G.Smith, 1949.
56,963 Prepuce of bull, Newcastle, 1952. P.K.C.Austwick(V.12).

Penicillium piscarium Westl.
29,101 Soil, Lakenheath Warren, Suffolk, 1947. J.H.Warcup(B.24).
40,032 (T) Cod liver oil. Westling—Thom(2549), 1911—NRRL(1075)—G.Smith.
57,233 Soil, Northern Ireland, 1954. Q.A.Ahmed—A.E.Muskett(A.17).
57,248 Soil, Northern Ireland. Q.A.Ahmed—CMI, 1954.

Penicillium puberulum Bain.
34,913 Raistrick(Ad.113)—G.Smith—CMI, 1949. (= NRRL.1889, ATCC.8732).
40,222 Zea mays, U.S.A. Thom—CBS—NRRL(2040), 1946—G.Smith.

Penicillium pulvillorum Turf.
29,215(2) Soil, Lakenheath Warren, Suffolk, 1947. J.H.Warcup(B.42)—P.W.Brian(BRL.504A).

40,595 U.S.A. J.W Foster—NRRL(2082), 1944—G. Smith.

Penicillium purpurogenum Stoll
40,037 Darien, Manchuria. K. Saito—Thom(4279C), 1918—NRRL(1061)—G. Smith.
54,215 Soil, Ibadan, Nigeria, 1953. R. M. Jackson.

Penicillium purpurogenum var. rubrisclerotium Thom
40,035 Harvard, U.S.A. R. M. Wheldon—NRRL(1066), 1941—G. Smith.

Penicillium purpurrescens (Sopp) Biourge
39,745 (T) Soil, Canada. G.R. Bisby—NRRL(720), 1938—G. Smith.
52,735 Soil, Canada. G.R. Bisby—NRRL(720), 1938—G. Smith.

Penicillium putterillii Thom
40,212 (A) Timber, New Zealand. J.C. Neill—CBS—NRRL(2150), 1946—G. Smith.

Penicillium raciborskii Zal.
40,568 (?T) Soil, Poland. Zaleski—CBS—NRRL(2150), 1946—G. Smith.

Penicillium raistrickii G. Smith
40,221 (T) Cotton yarn, England, ca 1927-29. G. Smith(100)—NRRL(2039)—G. Smith.

Penicillium ramusculum Batista & Maia
63,546 (T) Culture contaminant, Brazil, 1955. Jorge Bitancourt(478).

Penicillium resedanum McLenn. & Duck.
62,877 (T) Soil, Frankston, Australia. E.I. McLennan(A221)—CMI, 1956.

Penicillium resticulosum Birk., Raist. & G. Smith
40,227 (T) Contaminant of culture, London. G. Smith(P-47)—CMI, 1955. (= NRRL. 2021).

Penicillium restrictum Gilm. & Abbott
40,228 Soil, Honduras, 1937. E.M. Gilbert—E. McCoy—NRRL(1748)—G. Smith.
57,245 Soil, Northern Ireland, 1954. Q.A. Ahmed(A. 43).

Pencillium rolfsii Thom
40,029 (T) Pineapple, Miami, Fla., U.S.A. P.H. Rolfs—Thom(32)—NRRL(1078)—G. Smith, 1949.

Penicillium roqueforti Thom
24,313 (T) Roquefort cheese, 1904. Thom(18)—NRRL(849)—G. Smith, 1949. (= ATCC. 10110).
53,562 Bowater's Research Assocation, 1953.
57,201 Wood pulp, Gravesend, Kent, 1954. P. Russell(B.S. 393).

Penicillium roseo-purpureum Dierckx
33,771 Soil, Lakenheath Warren, Suffolk, 1947. J.H. Warcup(B. 94).
40,573 (?T) Biourge—CBS—NRRL(2064), 1946—G. Smith.

Penicillium rotundum Raper & Fenn.
40,589 (T) Wood, Chiriqui Prov., Panama. G.W. Martin—NRRL(2107), 1946—G. Smith.

Penicillium rubrum Stoll
40,036 Paper, Washington, D.C., U S.A. NRRL(1062), 1930—G.Smith.

Penicillium rugulosum Thom
28,259 K.B.Raper(NRRL.1054)—NCTC(6610), 1943.
40,041 (T) Culture, Storrs, Conn., U.S.A. C.Thom(46)—NRRL(1045)—G.Smith, 1949.
56,971 Lung of mole, Exeter, 1954. P.K.C.Austwick(V.711a/2).

Penicillium sacculum Dale
51,498 Soil, New S.Wales, 1952. S.Marcus—G.Smith.

Penicillium sclerotiorum van Beyma
40,569 (T) ?Air, Buitenzorg, Java. Boedijn—van Beyma—CBS—NRRL(2074), 1945—G.Smith.

Penicillium simplicissimum (Oud.) Thom
39,816 Flannel bag, S.Africa. E.M.Laughton—NRRL(902)—G.Smith, 1949.
61,388 Paper pulp, Slough, Bucks., 1955. P.W.Heron(9c).

Penicillium solitum Westl.
39,810 (?T) Westling—Thom(2546)—NRRL(937)—G.Smith, 1949.

Penicillium soppii Zal.
40,217 (T) Soil, Poland. Zaleski—CBS—NRRL(2023)—G.Smith, 1949.

Penicillium spiculisporum Lehm.
40,043 U.S.A. C.W.Emmons—NRRL(1028), 1937—G.Smith.
44,279 Soil, Kettering, Northants., 1950. J.H.Warcup(E.116).
63,917 Vegetable tanned hide, England, 1948—G.Smith(BB.222).

Penicillium spinulosum Thom
24,316(1) (T) Contaminant of culture, Hanover, Germany. Thom(45)—NCTC(591), 1920. (= Raistrick Ad.29).
24,316(2) As above, via H.C.Greene—NRRL(1750)—G.Smith, 1949.
29,467(a) In a solution of p-diguanidino-benzoyl-1-glutamic acid hydrochloride, Oxford. P.M.Cowan—CMI, 1948.
42,237 In N/10 sulphuric acid, Guildford, Surrey, 1950. N.Carter.

Penicillium steckii Zal.
40,583 Textiles, Barro, Colorado I., Panama. W.H.Weston—NRRL(2140)—G.Smith.
55,453(b) Heavy water, Harwell, Berks., 1954. C.E.Ford.
61,387 Paper pulp, Slough, Bucks., 1955. P.W.Heron(9b).
61,422 Soil, Pakistan, 1955. Q.A.Ahmed(F.4).

Penicillium stipitatum Thom ex Emmons
39,805 (T) Rotting wood, Louisiana, U.S.A., 1931. T.C.Sheffer—Thom (NRRL.1006)—G.Smith.

Penicillium stoloniferum Thom
31,200 Soil, Lakenheath Warren, Suffolk, 1947. J.H.Warcup(B.9).
39,824 (T) Rotting mushrooms, Storrs, Conn., U.S.A., 1904. Thom(27); NRRL(859)—G.Smith.

Penicillium striatum Raper & Fenn.
39,741 (T) Canned blueberries, U.S.A., 1938. C.C.Williams et al.—NRRL(717)—G.Smith, 1949.

44,611 Soil, Brandon Park, Sussex, 1950. J.H.Warcup(B.181)—G.Smith.

Penicillium sublateritium Biourge
40,594 (T) Biourge—CBS, 1929—NRRL(2071)—G.Smith.

Penicillium tardum Thom
28,333 (A) Bainier Coll'n—Da Fonseca—Thom—NCTC(1719), 1923.
40,034 (T) Dead twigs, France. Bainier—Thom(4640.444)—NRRL(1073)—G.Smith, 1949.

Penicillium terlikowskii Zal.
29,099 Soil, Lakenheath Warren, Suffolk, 1947. J.H.Warcup(B.41).
40,572 P.W.Brian—NRRL(2067), 1945—G.Smith.
61,879 Stomach of aborted calf, Cirencester, Glos., 1955. P.K.C.Austwick (A.39).

Penicillium terrestre Jens.
28,040 Cake, NCTC, 1920. NCTC(763). (= Raistrick Ad.4).
39,808 Utah, U.S.A., 1929. Logan—Thom(5042.135)—NRRL(934)—G.Smith.

Penicillium thomii Maire
31,397 Decayed apples, Southern Rhodesia. G.R.Bates(7644.G)—CMI, 1948.
40,027 Air, Natick, Mass., U.S.A. D.H.Lindner—NRRL(1640)—G.Smith, 1949.
59,866 Scandinavian wood pulp, Gravesend, Kent, 1955. P.Russell(CRL831).
60,049 Chalk soil, England, 1955. V.Sankey(V.Bd).
63,762 Rotten wood, Flatford Mill, Suffolk, 1956. A.H.S.Brown.

Penicillium trzebinskii Zal.
39,749 (T) Forest soil, Poland. Zaleski—CBS—C.Thom(5010.27), 1928—NRRL(731)—G.Smith.

Penicillium turbatum Westl.
39,738 (T) Westling—Thom(2545), 1911—NRRL(757)—G.Smith.

Penicillium urticae Bain.
— see P.patulum Bain.

Penicillium variabile Sopp
40,040 Coconut matting, Johannesburg, S.Africa. J.H.Bowen—NRRL(1048), 1938—G.Smith.
48,843 Maize grain, Southern Rhodesia, 1951. W.E.Kerr(G.36).
61,384 Paper pulp, Slough, Bucks., 1955. P.W.Heron(6c).

Penicillium varians G.Smith
40,586 (T) Cotton yarn, England. G.Smith(91)—NRRL(2096)—G.Smith.

Penicillium velutinum van Beyma
40,571 (T) Sputum, Holland. van Beyma—CBS—NRRL(2069), 1946—G.Smith.

Penicillium vermiculatum Dangeard
38,497 Soil, Ampthill Forest Nursery, Beds., 1949. J.H.Warcup(E.17).
39,043 Soil, Nigeria, 1949. A.M.Reid.
40,046 Tucson, Ariz., U.S.A. K.D.Butler—NRRL(1019)—G.Smith, 1949.
40,581 Soil, Sao Paulo, Brazil, 1945. NRRL(2100)—G.Smith.
49,125 Contaminant of culture, Njala, Sierra Leone, 1951. F.C.Deighton (M.4666).

60,866 Carex riparia, Long Eaton, Nottingham, 1955. J.Webster.
61,050 Rice, Malaya, 1955. A. Johnston.
61,270 USDA(1336.1)—QM(464)—CMI, 1955. (= NRRL.2315, ATCC.9776). (U.S.A.Specification MIL-E.5272A as P.luteum.) Test strain for mould-proofing.
63,916 G.Smith(S.88)—CMI, 1956.

Penicillium verruculosum Peyronel
40,039 Soil, Texas, U.S.A. M.B.Morrow—NRRL(1050), 1930—G.Smith.
54,221 Soil, Ibadan, Nigeria, 1953. R.M.Jackson.
57,202 Lignin, Gravesend, Kent, 1954. P.Russell(BS.404.H).

Penicillium vinaceum Gilm. & Abbott
28,956 Soil, U.S.A. Thom(5541.L.40)—NRRL(740)—NCTC(6518), 1943.
29,189 (T) Soil, Utah, U.S.A. Gilman & Abbott—Thom(4894.15), 1927—NRRL(739)—G.Smith, 1949. (= Raistrick.10514).

Penicillium viniferum Sakaguchi
58,416 NRRL(1123), 1946—G.Smith(P.219)—A.H.S.Brown(Pa.18).

Penicillium viridicatum Westl.
39,758 Air, Washington, D.C., U.S.A., 1940. NRRL(963)—G.Smith.
49,096 G.G. Freeman(F.22)—CMI, 1952.
49,162 G.Smith(Ad.15)—CMI, 1952.
53,263 Broad bean cotyledon, Cyprus. R.A.Altson(8/23/7)—CMI, 1956.

Penicillium waksmani Zal.
39,746 (T) Zaleski—CBS—Thom(5010.36), 1928; NRRL(777)—G.Smith.

Penicillium wortmannii Klöck.
31,389 Sunn hemp seeds, Southern Rhodesia. G.R.Bates(7549a)—CMI, 1948.
40,047 (T) Soil, Denmark. A.Klöcker—Biourge(401)—Thom(4733.126.1), 1924—NRRL(1077)—G.Smith.
44,277 Soil, Kettering, Northants., 1950. J.H.Warcup(E.97).
60,036 Culture contaminant, Ceylon, 1955. J.W.L.Pieris.

Periconia circinata (Mang.) Sacc.
7,301 Wheat roots, Harpenden, Herts., 1937. M.D.Glynne.

Periconia igniaria Mason & M.B.Ellis
58,371 (A) Soil, Reynold's River, N.T., Australia, 1954. J.H.Warcup (11196).
60,906 (A) Ammophila arenaria roots, England, 1955. J.C.Brown(S.50).

Periconia macrospinosa Lefebvre & Johnson
24,411 Soil, Lakenheath Warren, Suffolk, 1948. J.H.Warcup(B.145).
45,923 Wheat rhizosphere, France. C. & H.Moreau(Mycothèque, Paris. 231)—CMI, 1951.
58,372 Soil, Adelaide, S.Australia, 1954. J.H.Warcup(W.60).

Pericystis
— see Ascosphaera.

Pestalotiopsis disseminata (Thüm) Steyaert
53,204(e) Elaeis guineensis, Calabar, Nigeria, 1952. R.A.Bull(WAIFOR 87a).

Pestalotiopsis guepini (Desm.) Steyaert
53,050 Cinchona, nr. Lushoto, Tanganyika, 1953. G. B. Wallace(125/53).

Pestalotiopsis papposa Steyaert
61,852 Yam, assoc. with collar rot, Nigeria, 1955. S. R. Chant(FRO. 31).

Pestalotiopsis stictica (Berk. & Curt.) Steyaert
63,328 Pinus radiata seedling, Mombasa, Kenya. I. A. S. Gibson(382)—CMI, 1956.

Petriella asymmetrica Curzi
38,601 (T) Pyrus communis, dry branches, Italy. Curzi—CBS—CMI, 1949.
62,753 Corylus avellana, Sheffield, 1956. J. Webster(1754).

Petriella asymmetrica var. cypria Nattrass
62,756 CBS—J. Webster—CMI, 1956.

Pezicula corticola (Jørg.) Nannf.
62,470 Pear, East Malling, Kent, 1954. P. W. Talboys(EMRS. A. 8). Trunk canker.

Phaeoscopulariopsis paisii (Pollacci) Ota
(Syn. Torula paisii Pollacci)
36,480 (T) Pollacci-CBS—CMI, 1949.

Phialophora melinii (Nannf.) Conant
59,445 CBS—CMI, 1955.

Phialophora verrucosa Medlar
21,191 Man, Texas, U. S. A. F. D. Weidman(2261)—NCTC(3531), 1932. (= ATCC. 4806).

Philocopra
— see Podospora.

Phoma aculeorum Sacc.
62,715(a) Rose, Lusaka, N. Rhodesia, 1956. A. Angus(959(a)).

Phoma alternariaceum Brooks & Searle
17,361 (T) Tomato, England, 1915. F. T. Brooks—NCTC(1135).

Phoma eupyrena Sacc.
44,772 Soil, Ampthill Forest Nursery, Beds., 1950. J. H. Warcup(104. A. 10/3).
45,944 Soil, Ampthill Forest Nursery, Beds., 1951. J. E. Brind(8. S. II. 1).

Phoma glomerata (Corda) Wollenw. & Hoch
46,259 Eucalyptus saligna yard pole, S. Africa. T. R. L. (24)—FPRL(S. 601)—CMI, 1951.

Phoma pigmentivora Massee
49,948 White lead paint, England. R. K. S. Wood—CMI, 1952.

Phomopsis tuberivora Güssow & Foster
38,386 Potato tubers, Hertfordshire, 1949. J. V. Ives.

Phycomyces blakesleeanus Burgeff
21, 156 CBS (B. 1)—NCTC(5853), 1939. (+) m. 22191.
22, 191 CBS—NCTC(4941), 1936. (-) m. 21156.
44, 142 Linneman, Göttingen—J. Webster, 1950. (-) m. 21156.

Phycomyces nitens (Agardh) Kunze ex Fr.
21, 998 W. H. Wilkins, Oxford—NCTC(2894), 1929. (+).
31, 598 Decaying wasp nest, Rademon Estate, Co. Down, Northern Ireland, 1948. G. M. Waterhouse.
51, 077 Coconut meal, Bristol, 1952. D. J. Parry.
63, 218 H. Borris, Univ. Greifswald—CMI, 1956. (+) m. 63, 219.
63, 219 H. Borris, Univ. Greifswald—CMI, 1956. (-) m. 63, 218.
63, 923 Beans lying on sawdust, England, 1956. M. Bound.

Physalospora obtusa (Schw.) Cooke
38, 560 Cupressus, Kenya, 1949. R. M. Nattrass(1207).
62, 468 Apple, Kent, 1950. P. W. Talboys.

Phytophthora arecae (Colem.) Pethyb.
62, 655 Areca catechu fruit, S. Kanara, India. K. M. Thomas (Allahabad Univ.) —TCCF(445)—CMI, 1956 (+).
62, 656 Areca catechu fruit, S. Kanara, India. K M. Thomas (Allahabad Univ.) —TCCF(446)—CMI, 1956 (-).

Phytophthora boehmeriae Sawada
32, 199 Citrus fruit, Bella Vista, Argentina, 1939. M. J. Frezzi—J. T. Middleton (2056).

Phytophthora cactorum (Leb. & Cohn) Schroet.
62, 471 Apple, Bromsgrove, Worcs. P. W. Talboys(P. 1)—CMI, 1956. Trunk canker.

Phytophthora cambivora (Petri) Buism.
(Syn. Blepharospora cambivora Petri)
40, 505 Castanea sativa, Portugal. A. A. L. Pimentel—CMI, 1950.

Phytophthora capsici Leonian
40, 502 CBS—CMI, 1950.

Phytophthora cryptogea Pethyb. & Laff.
21, 278 China aster, California. C. M. Tompkins(214)—J. T. Middleton(2015/214)—CMI, 1948. Forms oospores with IMI. 22938 P. cinnamomi.

Phytophthora drechsleri Tucker
40, 499 Chrysanthemum cinerariifolium, root rot. M. J. Frezzi(619). (+).
40, 500 Solanum lycopersicum, fruit rot. M. J. Frezzi(830). (-).
40, 532 Citrus, California. J. T. Middleton(2117). (-).

Phytophthora erythroseptica Pethyb.
21, 277 Potato, Belfast, N. Ireland. A. E. Muskett—CBS—CMI, 1948.
34, 684 (T) Potato, Ireland. Pethybridge(23)—CBS—CMI, 1949.

Phytophthora heveae Thompson
36, 528 Hevea rubber, Kuala Lumpur, Malaya. A. Johnston(C. 424)—CMI, 1949.

Phytophthora palmivora (Butl.) Butl.
63, 552 Cacao, Tafo, Gold Coast, 1956. A. L. Wharton(WACRI. A. 333).
63, 553 Ditto, (WACRI. A. 334).
63, 554 Ditto, (WACRI. A. 335).
63, 555 Ditto, (WACRI. A. 336).
63, 556 Soil in cacao plantation, Tafo, Gold Coast. A. L. Wharton(WACRI. A. 353).
63, 604 Cacao, Ibadan, Nigeria, 1956. S. R. Chant.

Phytophthora parasitica Dastur emend. Ashby
21, 279 J. T. Middleton(2010)—CMI, 1948. (-).
22, 176 Nigella damascena, Mauritius. G. Orian—CMI, 1948. (-) m. 35087.
35, 087 Tomato seedling, High Wycombe, Bucks., 1945. N. Montgomery(14). (+) m. 22176.

Phytophthora porri Foister
32, 269 Leeks, Evesham, Glos. J. A. Tomlinson--CMI, 1948.

Phytophthora syringae (Kleb.) Kleb.
40, 529 ?Valencia orange fruit, California, 1933. Fawcett—J. T. Middleton (1891-C).
62, 472 Pear, Holland. P. W. Talboys(EMRS. P. 8)—CMI, 1956.

Pilaira anomala (Ces.) Schroet.
37, 159(a) Rabbit dung, Richmond Park, Surrey, 1949. H. A Dade.
43, 023 Rabbit dung, Quantock Hills, Somerset, 1950. H. A. Dade.

Piptocephalis cylindrospora Bain.
17, 745(a) Circinella ?tenella, England. E. Yuill—G. R. Bisby—CMI, 1947.

Piptocephalis freseniana de Bary
63, 943 On Pilaira anomala from rabbit dung, Ruislip Woods, Middlesex, 1956. A. H. S. Brown.

Piptocephalis fusispora van Tiegh.
63, 944 On Mucor hiemalis from rabbit dung, Derbyshire, 1956. A. H. S. Brown.

Piptocephalis xenophila Dobbs & English
56, 592(i) (T) On Penicillium waksmani Zal. from soil nr. Bristol, 1941. C. G. Dobbs.
56, 693(i) On Penicillium frequentans Westl. from soil, Ottawa, 1951. D. Wells —C. G. Dobbs.
56, 693(ii) On Mortierella ramanniana (Möller) Lindemann, inoc. from 56, 693(i) by Dobbs.

Pleospora gaeumanni Müller
56, 826 Dead grass, (?) Cynodon transvaalensis, S. Africa, 1954. H. J. Swart (250).

Pleospora papaveracea (De Not.) Sacc.
46, 380 Meconopsis primulina, Auchincruive, by Ayr, Scotland, 1951. H. F. Dovaston.

Pleospora straminis Sacc. & Speg.
62, 754 Lolium perenne, England, 1956. J. Webster(1791).

Plicaria fulva Schneider
59, 206 (T) Greenhouse soil, Berlin-Dahlem, 1953. R. Schneider.

60,977 Seed bed, Holland. CBS—I. Isaac—CMI, 1955.
61,802 Seed of slash pine, U.S.A. F.A. Wolf (as Mycotypha dichotoma Wolf (T))—CMI, 1955.

Plicaria trachycarpa (Curr.) Boud.
59,800 Soil, Evesham, Worcs., 1955. R.E. Taylor.

Podospora curvicolla (Wint.) Niessl.
61,330 Rabbit dung, Tadworth, Surrey, 1955. W.M. Page.

Podospora setosa (Wint.) Niessl
34,172 Soil, Lakenheath Warren, Suffolk, 1948. J.H. Warcup(B.161).
40,423 W.M. Page—CMI, 1950.

Pseudeurotium multisporum (Saito & Minoura) Stolk
59,843 (A) A.C. Stolk—CMI, 1955.
62,762 Soil, Dacca, Pakistan, 1956. Q.A. Ahmed(NB.15).

Pullularia fermentans Wynne & Gott var. fermentans
62,456 (T) Lymph node of man, U.S.A. E.S. Wynne & C.L. Gott—CMI, 1956.

Pullularia fermentans var. benedekii Wynne & Gott
62,462 (T) Benedek—CBS—E.S. Wynne & C.L. Gott—CMI, 1956.

Pullularia fermentans var. castellanii Wynne & Gott
62,459 (T) Castellani—CBS—E.S. Wynne & C.L. Gott—CMI, 1956.

Pullularia fermentans var. fusca (Brown) Wynne & Gott
32,460 (T) CBS—E.S. Wynne & C.L. Gott—CMI, 1956.

Pullularia fermentans var. leaoi Wynne & Gott
62,461 (T) Leao—CBS—E.S. Wynne & C.L. Gott—CMI, 1956.

Pullularia fermentans var. melinii Wynne & Gott
62,458 (T) Melin—CBS—E.S. Wynne & C.L. Gott—CMI, 1956.

Pullularia fermentans var. schoenii Wynne & Gott
62,457 (T) Schoen—CBS—E.S. Wynne & C.L. Gott—CMI, 1956.

Pullularia nigrans Berkh.
— see Dematium nigrum.

Pullularia pullulans (de Bary & Löw) Berkh.
17,468 Bainier Coll'n—M.B. Church, Washington(1719.4)—NCTC(1744), 1924.
25,323 Rennerfelt, Sweden—FPRL(S.9A)—CMI, 1948.
43,918 Submerged hawthorn twigs, Gerrards Cross, Bucks., 1950. J.J. Cavett.
45,533 Painted wood, Costa Rica. M.H. Downing(QM.279.c)—CMI, 1951. Paint mould.
58,404 Coffee stem, Tanganyika, 1954. G.B. Wallace(367/54).
60,590 Woollen cloth, Lancashire, 1955. A. Shaw.

Pycnostysanus azaleae (Peck) Mason
62,162 Rhododendron ponticum, Sunninghill, Bucks., 1955. P.J. Howell.

Pyronema confluens Tul.
— see P. omphalodes.

Pyronema domesticum (Sow. ex Fr.) Sacc.
46, 224 From a wall, CMI, Kew, Surrey, 1951. H. A. Dade.
57, 472 Contaminant of culture, CMI, 1954. H. A. Dade.

Pyronema omphalodes (Bull. ex Fr.) Fuckel
(Syn. P. confluens Tul.)
43, 914 M. P. Topping—CMI, 1950.

Pythiomorpha miyabeana Ito & Nagai
34, 386 (T) Rice seedlings, Japan. Ito—CBS—CMI, 1949.

Pythium aphanidermatum (Edson) Fitzp.
58, 847 Tobacco, black stem rot, Mt. Makulu Research Sta., Lusaka, Northen Rhodesia, 1954. E. A. Riley(530).

Pythium debaryanum Hesse
48, 558 Strawberry roots, Auckland, New Zealand. H. C. Smith(Y. 18)—CMI, 1952.

Pythium graminicola Subram.
34, 768 J. T. Middleton(898)— C.E. Foister, 1947.

Pythium intermedium de Bary
22, 931 Kentia forsteriana, Gembloux, Belgium, 1931. E. Marchal—CMI—NCTC(3549), 1932.
39, 858 Hops, E. Malling, Kent, 1943. W. G. Keyworth—E. M. Blackwell.

Pythium proliferum de Bary
42, 098 Plant debris, R. Dart, Totnes, Devon, 1950. G. M. Waterhouse.

Pythium ultimum Trow
33, 291 Lettuce roots, Slough, Middx., 1948. H. Jacks.

Ramularia bellunensis Speg.
54, 046 Chrysanthemum cinerariifolium, Kenya, 1953. R. M. Nattrass.

Ramulispora sorghi (Ell. & Everh.) Olive & Lefeb.
63, 346 Sorghum vulgare, Samaru, Zaria, N'n Nigeria, 1956. E. Harrison(128).

Rhacodium cellare Pers. ex Wallr.
44, 943 Wine cellar. CBS—L. D. Galloway—CMI, 1951.

Rhinocladiella atrovirens Nannf.
58, 774 Pinus radiata, Brunswick, Australia, 1954. N. E. Walters(DFP. 4620).

Rhinotrichum lanosum (Cooke) Cooke
51, 266(b) Plaster and wall-paper, London, 1941. H. E. Hinton—F. L. Balfour-Browne.

Rhizoctonia lamellifera Small
42, 242 Jacaranda roots, Kenya, 1950. R. M. Nattrass(1361).
56, 701 Roots of Elaeis guineensis, assoc. with "blast" disease, Yaligimba, Belgian Congo, 1954. W. G. Kovachich.
60, 059 Elaeis guineensis seedling, Nigeria, 1955. R. A. Bull.

Rhizoctonia solani Kühn, "A" strain of Park & Bertus
20, 697 Rice, Kuala Lumpur, Malaya. A. Johnston(9)—CMI, 1948.

Rhizopus arrhizus Fischer
16,641 Cotton lint, India. M.K. Patel—CMI, 1947.
21,993 Roots, Cyprus. R.M. Nattrass—S.F. Ashby—NCTC(5357), 1938.
34,169(b) Groundnut hypocotyl. Tanganyika, 1949. I.A.S. Gibson.
53,173 Vicia faba seedlings, Cyprus, 1953. R.A. Altson.
57,412 Mouldy bran, Auchincruive, 1952. P.K.C. Austwick(V.149/2).

Rhizopus artocarpi Racib.
51,921 Artocarpus heterophyllus, Njala, Sierra Leone, 1953. F.C. Deighton (M.5138).
62,010 Artocarpus integer, Sungei Trap, Mudo, Malaya, 1955. A. Johnston (C(NS)5).

Rhizopus cohnii Berl. & de Toni
(Syn. R. suinus Nielsen)
39,698 Pig, Germany, Nielsen—CBS as R. suinus Niels. (A)— CMI, 1950.
62,483 Rice, Malaya, 1956. A. Johnston[C(NS)116].

Rhizopus delemar (Boid.) Wehm. & Hanz.
44,245 NRRL(1472)—ATCC(9374), 1947. Amylo process.

Rhizopus japonicus Vuill.
21,600 Central Lab., Manchurian Railway—NCTC(1905), 1924.

Rhizopus microsporus van Tiegh.
57,413 Lung of pullet, Bangor, 1952. P.K.C. Austwick(V.252).

Rhizopus nigricans Ehrenb.
— see R. stolonifer.

Rhizopus oryzae Went. & Geerl.
21,602 Central Lab., S. Manchurian Railway—NCTC(1907), 1924.
40,564 NRRL(395)—ATCC(9363)—CMI, 1950. Production of lactic acid.
44,534(b) Groundnut seed, Urambo, Tanganyika, 1950. I.A.S. Gibson(73).
50,109(b) Cacao husks, Asuansi, Gold Coast, 1952. J.J. Obeng.

Rhizopus sexualis (Smith) Callen
36,280 (T) Rotting strawberry, England, 1922. M.N. Kidd—G. Smith—CBS.

Rhizopus stolonifer (Ehrenb. ex Fr.) Lind.
(Syn. R. nigricans Ehrenb.)
17,314 Narcissus, Plymouth. N.H. Alcock—NCTC(1087), 1921.
35,571 Canvas cotton, India. 1948. P. Datton.
36,484 CBS (Strain "a")—CMI, 1949. m.36,485.
36,485 CBS (Strain "b")—CMI, 1949. m.36,484.
42,844 Groundnut seed, Urambo, Tanganyika, 1950. I.A.S. Gibson(40).
57,761 A.F. Blakeslee (CIW. strain C-25A)—ATCC(6227a.+), 1937.
57,762 A.F. Blakeslee (CIW. strain C-25B)—ATCC(6227b.-), 1937.
61,269 Wireless set, New Guinea, 1944. AWA Lab.—QM(387). (= SN.32, Aust.32, ATCC.10404). (U.S.A. Specification MIL-E-5272 A as R. nigricans). Test strain for mould-proofing.
67,964 Fig, New Zealand, 1956. E.E. Walker.

Rhizopus suinus Nielsen
— see R. cohnii.

Rhizopus tonkinensis Vuill.
21,601 Central Lab., S. Manchurian Railway—NCTC(1906), 1924.

Rhizopus tritici Saito
39,701 (A) Saito—CBS—CMI, 1950.

Rhodotorula rubra (Demme) Lodder
38,784 NCTC(4585)—J.A. Burns—CMI, 1949.

Saccharomyces cerevisiae Meyen ex Hansen
19,391 Strain Fleischmann(139). K. Dittmar—ATCC(9896)—NCTC(7044), 1945.
39,916 H.J. Bunker—CMI, 1950. Baking strain.
61,263 B.M. Brown (Whitbread's ZSC.148)—NCYC(234), 1951.
61,302 NCYC(429)—CMI, 1955.

Saccharomyces ellipsoideus Hansen
38,758 Strain Michigan 48. NCTC(7040)—H.J. Bunker—CMI, 1949.
61,303 NCYC(93)—CMI, 1955.

Saccharomyces macedoniensis Diddens & Lodder
— see S. marxianus.

Saccharomyces marxianus Hansen
(Syn. S. macedoniensis Diddens & Lodder)
38,918 NCTC—G.E. Shaw—CMI, 1949. (= NCYC 243). Assay of aneurin.

Saccharomyces oviformis Osterw.
61,682 NCYC(374)—CMI, 1955.

Saccharomyces pyriformis Marshall Ward
45,290 Holland. B. Kirsop—CMI, 1951.

Sachsia suaveolens Lindner
45,322 Sauce, England. L.D. Galloway—CMI, 1951.

Schizophyllum commune Fr.
61,312 Mahogany. FPRL(9)—CMI, 1955.
67,963 J.R. Raper—ATCC(12671)—CMI, 1956. Mutant "Blue 130", producing the pigment indigo.

Schizosaccharomyces octosporus Beijer.
23,657 B.J. Glover—CMI, 1949.

Schizosaccharomyces pombe Lindner
39,917 H.J. Bunker—CMI, 1950.

Schizothyrium ptarmicae Desm.
50,218 Achillea ptamica, Wombourn, Staffs., 1952. C.P. Quarrel—N.C. Preston.

Sclerophoma pithyophila (Corda) Höhn.
61,395 Pinus sylvestris, Thetford Chase, 1955. S. Batko.
61,806 Pinus sylvestris needles, Munford, Thetford Chase, England, 1955. S. Batko.

Sclerotinia fructigena Aderh. & Ruhl.
61,849 Apple, Liverpool, 1955. Prof. Burges(4/11)—W.R.N. Williamson.

Sclerotinia spermophila Noble
63,227 (A) Trifolium repens, N. Zealand. M. Noble—CMI, 1956.

Sclerotium coffeicola Stahel
37,953 Aristolochia gibbosa (leaf spot), Sierra Leone, 1949. F. C. Deighton (M. 2944).
51,920 Bauhinia sp., Sierra Leone, 1953. F. C. Deighton(M. 5135).

Sclerotium delphinii Welch
49,110 Pyrus malus root, Kenya. N. E. Ryan—R. M. Nattrass(1656).

Sclerotium oryzae-sativae Sawada
31,287 Rice, Formosa, 1929. W. Yamamoto(327)—NCTC(3417).
62,599 Rice, Malaya, 1956. A. Johnston[C(NS)102].

Sclerotium rolfsii Sacc.
33,912 Groundnut, Tafo, Gold Coast, 1947. H. Owen.
37,955 Tagetes erecta flowers, Sierra Leone, 1949. F. C. Deighton(M. 3048).
45,090 Leaf bases of Neomarica (?)gracilis, Njala, Sierra Leone, 1950. F. C. Deighton(M. 3726).
46,239 Zephyranthes tubispatha leaves, Njala, Sierra Leone, 1951. F. C. Deighton(M. 4062).
46,240 Gerbera jamesonii leaf stalk, Njala, Sierra Leone, 1951. F. C. Deighton(M. 4063).
59,151(a) Moss, Njala, Sierra Leone, 1954. F. C. Deighton(M. 6327A).
59,849 Groundnut, Northern Rhodesia, 1955. E. A. Riley(650).

Scopulariopsis brevicaulis (Sacc.) Bain.
17,297 Cheese, U. S. A. M. B. Church, Washington(2)—NCTC(580), 1920. (= Raistrick Ad. 40).
40,026 NRRL(1096)—G. Smith, 1949.
57,424 Hen's egg, Devon, 1953. P. K. C. Austwick(V. 359/3).
61,011(b) Lepidopterous larva, Tanganyika, 1955. G. W. Valentine.
61,424 British Cotton Industries Research Association, 1930—G. Smith(BB. 121).
61,534 K. B. Raper—CBS—CMI, 1955.

Sepedonium albo-griseum Balfour-Browne
— see Botryotrichum piluliferum.

Septonema chaetospira Grove
60,911 Roots of Ammophila arenaria, England, 1955. J. C. Brown(S. 1144).

Sordaria barbata Hansen
63,849 Rabbit dung, Braintree, Essex. W. M. Page—CMI, 1956.

Sordaria bombardioides Auersw. apud Niessl
39,723 Rabbit dung, England. W. M. Page—CMI, 1950.

Sordaria destruens (Shear) Hawker
44,227 L. Hawker—RCS(50), 1950, as Melanospora destruens.
49,111 Chrysanthemum cinerariifolium, Kenya. N. E. Ryan—R. M. Nattrass (1707)—CMI, 1952.
53,641 Cabbage seedlings, Kanpur, India, 1953. H. C. Srivastava(2).

Sordaria fimicola (Rob.) Ces. & de Not.
35,086(d) Horse dung, Kirkby-on-Bain, Lincolnshire, 1949. G. M. Waterhouse.
37,159(b) Rabbit dung, Richmond Park, Surrey, 1949. H. A. Dade.

39,722 Rabbit dung, England. W. M. Page—CMI, 1950.
57,414 Faeces of pig, Devon, 1952. P. K. C. Austwick(V. 150/1).

Sordaria humana (Fuckel) Wint.
52,645 Soil, Chobham, Surrey, 1953. P. Bull—M. P. Topping(265. Sord.).
54,768 Soil, England, 1953. G. W. F. Sewell—A. H. S. Brown.

Sordaria macrospora Auersw.
39,721 Rabbit dung, England. W. M. Page—CMI, 1950.

Sordaria minuta Fuckel
67,941 Rabbit dung, Clumber Park, Derbyshire, 1956. A. H. S. Brown.

Sordaria verruculosa (Jensen) Sacc.
51,496 Soil, New South Wales, 1952. S. Marcus—G. Smith.

Spegazzinia tessarthra (Berk. & Curt.) Sacc.
45,539 Tentage, New Guinea. M. H. Downing(QM. 840)—CMI, 1951.
51,265 Soil, Tanganyika, 1952. A. R. Cottrell(C. 62).

Speira toruloides Corda
5,634 Corylus wood and bark, Ranmore Common, Surrey, 1946. S. J. Hughes.

Sphaerobolus stellatus Tode
54,098 CBS—CMI, 1953.
67,858 Rotten wood, Clumber Park, Derbyshire, 1956. A. H. S. Brown.
67,859 As above.
67,860 Rotten wood, Chatsworth, Derbyshire, 1956. A. H. S. Brown.

Sphaeropsis subglobosa Cooke
57,769(c) Bambusa arundinaria culm, Njala, Sierra Leone, 1954. F. C. Deighton(M. 6166. c).

Spicaria aphodii Vuill.
58,433 (A) Vuillemin—CBS—A. H. S. Brown(Pa. 38), 1951.

Spicaria carnea Duché & Heim
58,434 (A) Duché—CBS—A. H. S. Brown(Pa. 39), 1951.

Spicaria decumbens Oud.
58,435 CBS—A. H. S. Brown(Pa. 40), 1951.

Spicaria elegans Corda
— see Paecilomyces elegans.

Spicaria fumosorosea (Wize) Vassilj.
58,439 A. S. Bondarzew—CBS—A. H. S. Brown(Pa. 44), 1951.
58,440 CBS—A. H. S. Brown(Pa. 45), 1951.

Spicaria verticillata (Corda) Lindau
58,441 Beekhuis v. Till—CBS—A. H. S. Brown(Pa. 46), 1951.

Spicaria violacea Abbott
39,815 (T) Soil, U. S. A. Gilman & Abbott—Thom(4894. 4), 1927—NRRL (901)—G. Smith.

Spirosphaera floriforme van Beverwijk
52,467 (T) Decaying birch leaves in pond, Eerde, near Ommen, Holland, 1947. A. L. van Beverwijk.

Sporendonema casei Desm. ex Fr.
(Syn. Oospora crustacea (Bull.) Sacc.)
37,084 Cheese, England. L. D. Galloway(185)—CMI, 1949.

Sporendonema epizoum Corda
— see Sporendonema sebi.

Sporendonema purpurascens (Bonord.) Mason & Hughes
— see Coprotrichum purpurascens Bonord.

Sporendonema sebi Fr.
(Syn. Hemispora stellata Vuill., S. epizoum Corda, Torula fuliginea Berkh.)
7,424 Man, Italy. G. Pollacci (as S. epizoum Corda)—NCTC(4517), 1934.
7,425 Man. Sabouraud Coll. —J. T. Duncan—NCTC(3023), 1929.
7,427 Bainier Coll. (As Torula fuliginea)—M. B. Church(1419. 8)—NCTC(1746), 1924.
13,876 Man, Brazil. O. Da Fonseca (as Hemispora stellata Vuill.)—R. Ciferri —NCTC(2760), 1928.
37,338 Jam, Sweden, 1949. J. A. Nannfeldt(10663).
44,741 Tunisian dates, Nottingham, 1950. B. Webster.
61,009 "Patum peperium" (fish paste), Richmond, Surrey, 1955. H. A. Dade.

Sporidesmium bakeri Syd. var. maydicum (Sacc.) Hughes
(Syn. Clasterosporium maydicum Sacc.)
46,232 Andropogon gabonensis, Njala, Sierra Leone, 1951. F. C. Deighton (M. 3852).

Sporidiobolus johnsonii Nyland
44,158 (T) Pustule of Phragmidium rubi-idaei on Rubus idaeus, Puyallup, Washington, 1946. G. Nyland—C. T. Ingold.

Sporobolomyces holsaticus Windisch
56,574 CBS—CMI, 1954.

Sporobolomyces odorus Derx
56,575 CBS—CMI, 1954.

Sporobolomyces roseus Kluyver & van Niel
29,384 Ranunculus, Norfolk, 1940. G. R. Bisby—NCTC(6435), 1940.
43,529 Seed oats, Northern Ireland, 1946. J. P. Malone(4H).

Sporobolomyces salmonicolor (Fisch. & Breb.) Kluyver & van Niel
56,578 CBS—CMI, 1954.

Sporocybe cuneifera (Berk. & Br.) Sacc.
— see Graphium cuneiferum.

Sporodinia grandis Link
— see Syzygites megalocarpus.

Sporophora toruliformis Luteraan
51,370 (T) Solution of monopotassium phosphate, Paris, 1951. P. J. Luteraan.

Sporormia intermedia Auersw.
67,940 Rabbit dung, Clumber Park, Derbyshire, 1956. A.H.S.Brown.

Sporotrichum carnis Brooks & Hansford
32,065 Eggs, Canada. W.I. Illman(U.136)—CMI, 1948.
46,340 Soil, Ampthill Forest Nursery, Beds., 1949. J.E.Brind(ASH.17).
46,341 Soil, Ampthill Forest Nursery, Beds., 1949. J.E.Brind(BSF.8).

Stachybotrys atra Corda
16,200 Cotton yarn, England. L.D.Galloway—S.W.Basu(70)—CMI, 1947.
17,459 G.Smith—CMI, 1947. Isolation used for testing mould-proofing.
32,542 Soil, Lakenheath Warren, Suffolk, 1948. J.H.Warcup(B.147).
42,310 Dosootie, Peshawar, India, 1946. Kanpur (D.303).
42,311 Kanpur (D.380).
49,534 Canvas, New Guinea, ca 1942. L.Fraser.

Stachybotrys dichroa Grove
17,506 Dead herbaceous stems, Exeter, 1947. M.B.Ellis.
61,337 Ragwort, Berrow, 1955. A.H.S.Brown.

Stachybotrys parvispora Hughes
62,338 Soil, Belgian Congo, 1955. J.Meyer(25444).

Stachybotrys subsimplex Cooke
42,309 Cordage, Kanpur, India, 1945. Kanpur(D.135).

Stachylidium cyclosporum Grove
— see Verticillium cyclosporum.

Stemphylium ?alternariae (Cooke) Sacc.
31,640 Jute sand bag, England. S.M.Basu(107)—CMI, 1948.
52,976 Soil, nr.Goole, Yorks., 1953. A.R.Cottrell(307.2).

Stemphylium congestum Newton
52,977 Soil, Bellville, nr.Cape Town, South Africa, 1953. A.R.Cottrell (370.1).

Stemphylium dendriticum Camara
54,375 Beech stumps, Knole Park, Sevenoaks, Kent, 1953. M.Vincent(580).
61,276 Sand dunes, England, 1955. J.C.Brown(S.25).

Stemphylium radicinum (Meier, Drechsl. & Eddy) Neerg.
63,223 Carrot seed, Holland. M.Noble—CMI, 1956.

Stemphylium sarciniforme (Cav.) Wiltshire
49,672 I.C.I., Hawthorndale Lab.s(K.9).

Stemphylium solani Weber
58,140 (A) Tomato, Manatee, Fla., U.S.A., 1940. G.F.Weber.

Stereum purpureum (Fr.) Fr.
62,469 Plum, East Malling, Kent, 1952. P.W.Talboys(EMRS.H.10).

Stilbella proliferans F.L.Stevens
(Syn. Stilbum villosum Petch)
48,682 Cotton stalks, Arizona, 1952. J.G.Brown(2).
56,086(e) Pineapple leaf, Njala, Sierra Leone, 1953. F.C.Deighton(M.5507(e)).
62,240(d) Cacao, Serdang, Malaya, 1955. A.Johnston(1473).

Stilbum kervillei Quél.
56, 174 A dipteron, Frosterly, Durham, 1954. M. Hazelton.

Stilbum tomentosum Schrader ex Fr. var. ovalisporum A. L. Smith
58, 305 Trichia, New Forest, Hants, 1954. A. H. S. Brown.

Stilbum villosum
— see Stilbella proliferans

Streptomyces albus (Doria Rossi emend. Krainsky) Waksman & Henrici.
52, 766 V. Puntoni—NCTC(3525), 1932—C. E. Coulthard.

Streptomyces fradiae (Waksman & Curtis) Bergey
61, 202 Strain 3535X. ATCC(10745)—CMI, 1955. Produces neomycin C14.

Streptomyces griseus (Krainsky) Waksman
39, 048 NCTC(6962)—CMI, 1950.
50, 967 World Health Organization—NCIB—CMI, 1952. Streptomycin production strain.

Streptomyces lavendulae (Waksman & Curt.) Waksman
39, 045 NCTC(6959)—CMI, 1950.
39, 046 NCTC(6960)—CMI, 1950.

Stysanus fuscus (Corda) Mason & M. B. Ellis
56, 827 Seed oats, Northern Ireland, 1952. J. P. Malone(27A/52).

Stysanus microsporus Sacc.
57, 416 Mouldy hay, Norfolk, 1953. P. K. C. Austwick(V. 424/4).

Stysanus stemonites (Pers. ex Fr.) Corda
— see Echinobotryum atrum.

Stysanus ulmariae McWeeney
— see Coremiella ulmariae.

Syncephalstrum cinereum Bain.
21, 180 Rice, Burma. D. Rhind—CMI—NCTC(2499), 1928.

Syncephalastrum racemosum (Cohn) Schroet.
21, 161 ? Tobacco, Bristol, 1930. F. W. Jollyman—NCTC(3155), 1930.
21, 178 G. W. Martin, Iowa, U. S. A. —NCTC(1794), 1924.
57, 418 Intestine of pig, Devon, 1952. P. K. C. Austwick(V. 306/3).

Syncephalis cornu van Tiegh. & Le Monn.
63, 217 H. Borris, Univ. Greifswald—CMI, 1956.

Syncephalis nana Dade
22, 626 (T) Absidia glauca, on cacao beans, Kpeve, Togoland, 1932. H. A. Dade(G. C. 570).

Syzgites megalocarpus Ehrenb. ex Fr.
(Syn. Sporodinia grandis Link)
53, 602 Lactarius sp., Mulgrave Woods, Sandsend, 1953. C. J. La Touche.

Taphrina deformans (Berk.) Tul.
61, 297 CBS, 1955.

Tetracoccosporium paxianum Szabô
51, 264 Black cotton soil, Tanganyika, 1952. A. R. Cottrell(ICI. C. 33).

Thamnidium elegans Link
21, 945 Meat, Cambridge, 1919. F. T. Brooks—NCTC(1127); (= ATCC. 11878).
43, 624 Seed oats, Belfast, N. Ireland. J. P. Malone(43. A/47).

Thielavia sepedonium Emmons
45, 476 Soil, Ampthill Forest Nursery, Beds., 1950. J. H. Warcup(E. 98).

Thielaviopsis basicola (Berk. & Br.) Ferr.
36, 482 Tiddens (Strain III)—CBS—CMI, 1949.
36, 483 Gilbert—CBS(as Thielavia basicola)—CMI, 1949.

Thyronectria pseudotrichia (Schw.) Seeler
53, 160 Dysoxylon spectabile, N. Zealand. J. Dingley(12164)—CMI, 1953.

Tilachlidiopsis piptadeniae Batista & Maia
63, 749 (T) Piptadenia columbrina, Brazil. A. C. Batista(542)—CMI, 1956.

Tilletiopsis minor Nyland
56, 590 CBS—CMI, 1954.

Torula convoluta Harz
— see Gliomastix convoluta.

Torula fuliginea Berkh.
— see Sporendonema sebi.

Torula herbarum Link ex Fr.
1, 332 Brassica stems, Haslemere, Surrey, 1945. E. W. Mason ("c" strain).

Torula luzulae Fuckel
— see Gliomastix luzulae.

Torulopsis utilis (Henneb.) Lodder
23, 311 Hayduck & Hacker—CBS -LSH(Y. 5)—CMI, 1948.

Torulopsis utilis var. major Thaysen & Morris
33, 552 (T) H. J. Bunker—CMI, 1949.

Trachysphaera fructigena Tabor & Bunting
33, 913 Cacao pod, Tafo, Gold Coast, 1948. H. Owen.
67, 669 Banana, Fernando Po, 1956. L. D. Galloway.

Trichocladium asperum Harz
39, 677 Contaminant of culture, Hallburn, Cumberland, 1950. P. K. C. Austwick.

Trichoconis crotalariae Salam & Rao
52, 821 (T) Crotalaria verrucosa, Hyderabad, 1952. M. A. Salam & P. N. Rao (No. 11).

Trichoderma koningi Oudem.
17, 624 From a twig, Epping Forest, Essex, 1945. G. C. Ainsworth.
54, 690 Soil, Ibadan, Nigeria, 1953, R. M. Jackson(N/25).
54, 693 Soil, Ibadan, Nigeria, 1953. R. M. Jackson (N/26).
57, 420 Mouldy hay, Auchincruive, 1953. P. K. C. Austwick(V. 418/8).

61,758 Soil, Kenema, Sierra Leone, 1955. C. T. Pyne.
62,429 Michaelmas daisy, Swansea, Wales, 1956. I. Isaac.

Trichoderma viride Pers. ex Fr.
16,198 Jute fibre, Calcutta, India, 1940. S. W. Basu(24).
24,039 Soil, Jealott's Hill, Berks., 1944. P. W. Brian(213)—NCTC(7058). Viridin-producing strain.
45,548 Tent canvas, Bougainville, Solomon Is. M. H. Downing(QM. 6. A)—CMI, 1951.
45,553 M. H. Downing(QM. 365) (= BPI. T-1)—CMI, 1951. Used in U. S. A. for testing mould-proofing.
49,268 Ice cream carton, Great Britain, 1952.
53,608 Coffee, assoc. with "scaly bark", Tanganyika, 1953. G. B. Wallace.
55,217 Swedish wood pulp, Kemsley, Kent, 1953. P. Russell.
57,421 Mouldy hay, Auchincruive, 1952. P. K. C. Austwick(V. 309/5).
59,151(b) Moss, Njala, Sierra Leone, 1954. F. C. Deighton(M. 6327. B).
61,381 Paper pulp, Slough, Bucks., 1955. P. W. Heron(2).
— see also IMI. 49271 Hypocrea lenta.

Trichosporium cerealis (Thum.) Sacc.
(Syn. Oidiodendron nigrum Robak)
38,105 Air, Amsterdam, Holland. P. D. v. d. Werff—CBS—CMI, 1949.
51,450 Air, Cardiff, 1952. M. Richards(AARU. 77).

Trichosporon cutaneum (de Beurm., Goug. & Vauch.) Ota
53,546 Intertidal mud, Sully, South Wales, 1953. R. Harvey.

Trichothecium roseum (Pers.)Link ex Fr.
32,236 Contaminant of culture, Kew, Surrey, 1948. S. J. Hughes.
45,538 Leather, New Guinea. M. H. Downing(QM. 102. e)—CMI, 1951. Attacks nylon.
50,660 Apple, England, 1945. G. Smith(LSH. BB. 105a)—G. G. Freeman, I. C. I. Nobel Division (F. 293). Source of trichothecin, etc.
50,661 Tomato, England, 1947. S. Marcus—LSH(95)—G. G. Freeman, I. C. I. Nobel Division (F. 292). Source of trichothecin, etc.
57,973 K. B. Raper(NRRL. 1665)—ATCC(8685), 1942.

Trichurus terrophilus Swift & Povah
46,251 Eucalyptus saligna, cellar, Bekker, S. Africa. TRL(8)—FPRL(S. 590)—CMI, 1951.

Tripospermum myrti (Lind) Hughes
62,080 Stream water, nr. Lullingstone, Kent, 1955. C. T. Ingold.

Tritirachium dependens Limber
45,558 Leather shoes, Bougainville, Solomon Is. M. H. Downing(QM. 4g-2)—CMI, 1951.

Tritirachium roseum van Beyma
45,535 Nylon, Ohio, U. S. A. M. H. Downing(QM. 494)—CMI, 1951.
62,067 Foot of man, England, 1955. C. J. La Touche.

Truncatella hartigii (Tubeuf) Steyaert
56,678 Poplar, Lyndhurst, Hants., 1954. S. Batko.

Tubeufia helicomyces v. Höhn.
47,036 Hazel. A. L. Van Beverwijk—CMI, 1951.

47,037 Ash. A.L.van Beverwijk—CMI, 1951.

Ustilago scitaminea Syd.
35,616 Sugar-cane, Natal, S.Africa. A.McMartin—G.R.Bates(MR.8645)—CMI, 1949.
36,859 Sugar-cane, Natal, S.Africa. A.McMartin—CMI, 1949.

Ustilago sphaerogena Burr.
61,828 ATCC(12321)—CMI, 1956.

Valsa eugeniae Nutman & Roberts
44,946 (A) Clove trees, Zanzibar, 1950. J.Nutman & F.M.Roberts.
56,910 Clove trees, Malaya, 1954. W.J.Cherewick.
57,979 Cashew, nr.Lindi, Tanganyika, 1954. M.M.Wallace(279/54).
62,499 Eugenia aquea, Kuala Lumpur, Malaya, 1955. A.Johnston(1509).

Venturia inaequalis (Cooke) Wint.
61,538 Apple, East Malling, Kent, 1949. D.S.Kirkham(Clone E.1).

Venturia pyrina Aderh.
28,958 Pear, East Malling, Kent, 1948. M.H.Moore(462).
61,539 Pear, East Malling, Kent, 1949. D.S.Kirkham (Clone D.2).

Verticillium albo-atrum Reinke & Berth.
62,131(i) Tomato, Wye, Kent, 1955. G.F.Pegg.
62,464 Hops, Penshurst, Kent, 1955. P.W.Talboys(EMRS.1788). Fluctuating wilt.

Verticillium buxi (Schmidt ex Fr.) Auersw. & Fleisch.
50,686(c) Buxus sempervirens, Silent Pool, nr.Shere, Surrey, 1952. B.A. Stone.
61,357 Buxus leaves, Goblin Coombe, Cleeve, Somerset, 1955. A.H.S. Brown.

Verticillium cinerescens Wollenw.
62,680 Carnation, Wales, 1955. I.Isaac.

Verticillium cyclosporum (Grove) Mason & Hughes
(Syn. Stachylidium cyclosporum Grove)
16,091 (A) Rhododendron, dead wood and bark, Richmond Park, Surrey, 1947. S.J.Hughes.
63,832 Rotten wood, Flatford Mill, Suffolk, 1956. A.H.S.Brown.

Verticillium dahliae Kleb.
45,492 Mint, Mazoe Valley, Southern Rhodesia, 1951. J.Broadfoot(9213).
58,535 Eggplant, Southern Rhodesia, 1954. A.Rothwell.
59,436 Banana, Tanganyika, 1954. G.B.Wallace(305/54).
61,286 Tomato, Southern Rhodesia, 1955. A.R.Rothwell(MR.13426).
62,465 Quince, Bayfordbury, Kent, 1954. P.W.Talboys(EMRS.1747).

Verticillium marquandii Massee
— see Paecilomyces marquandii.

Verticillium nigrescens Pethyb.
44,575 Potato, Offham, Kent, 1944. R.V.Harris(74).
62,466 Potato, Offham, Kent, 1946. P.W.Talboys(EMRS.74).

Verticillium nubilum Pethyb.
46, 339 Soil, Ampthill Forest Nursery, Beds., 1949. J. E. Brind(4/AV1).
62, 467 Tomato, East Malling, Kent, 1949. P. W. Talboys(EMRS. 162).

Verticillium theobromae (Turconi) Mason & Hughes
(Syn. Stachylidium theobromae Turconi)
31, 432(a) Banana, Jamaica, 1948. E. B. Martyn.
55, 934 Banana, Northern Rhodesia, 1954. E. A. Riley(254).

Verticillium tricorpus Isaac
51, 602 Wilted tomato plant, Fareham, Hants. I. Isaac.

Verticillium vilmorinii (Guég.) Westerd. & Luijk.
62, 679 Michaelmas daisy, Wales, 1955. I. Isaac.

Volutella buxi (Corda) Berk.
49, 467(b) Buxus semperviens, Box Hill, Surrey, 1952. B. A. Stone.
61, 338 Buxus leaves, Goblin Coombe, Cleeve, Somerset, 1955. A. H. S. Brown.

Volutella ciliata (Alb. & Schwein.) Fr.
38, 780 Tomato root, Cheshunt, England, 1949. M. Ebben—P. H. Williams—E. M. Wakefield.

Volvaria esculenta Massee
63, 833(i) Thailand. Javlavicharana—P. B. Flegg—CMI, 1956.
63, 833(ii) As above.

Wardomyces anomala Brooks & Hansford
32, 064 Eggs, Canada. W. I. Illman—CMI, 1948.

Xeromyces bisporus Fraser
63, 718 (T) Stick licorice, N. S. Wales, Australia, 1956. W. J. Scott—C. J. Magee.

Zygorrhynchus exponens Burgeff
29, 219 Soil, Buffs wood, Cambs., 1946. J. H. Warcup(BM. 1).

Zygorrhynchus moelleri Vuill.
21, 994 S. Africa. V. A. Wager—NCTC(3231), 1930.
29, 216 Soil, Wellington, New Zealand, 1946. J. H. Warcup(M. 138).

Zygorrhynchus vuilleminii Namysl.
21, 113 Ling—CBS—Malcolm Wilson—NCTC(5701), 1939.
29, 217 Soil, Buffs Wood, Cambs., 1947. J. H. Warcup(B. 21).
47, 187 Contaminant of culture, Newcastle-upon-Tyne, 1949. P. G. Fothergill.

INDEX OF FUNGI

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